

=> fil reg

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STRUCTURE FILE UPDATES: 19 APR 2009 HIGHEST RN 1136834-47-3
DICTIONARY FILE UPDATES: 19 APR 2009 HIGHEST RN 1136834-47-3

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d que 112

L4	1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 639061-02-2/RN
L12	2 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L4

=> fil hcap

FILE 'HCAPLUS' ENTERED AT 16:37:22 ON 20 APR 2009
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FILE COVERS 1907 - 20 Apr 2009 VOL 150 ISS 17
FILE LAST UPDATED: 19 Apr 2009 (20090419/ED)

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

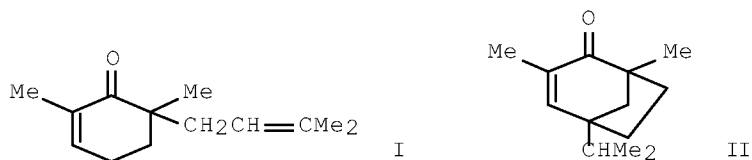
<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate

substance identification.

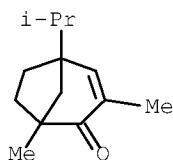
=> d 112 1-2 ibib ed abs hitstr hitind

L12 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:9095 HCAPLUS Full-text
 DOCUMENT NUMBER: 142:240118
 TITLE: Alkyl aluminum halide promoted intramolecular
 cyclization of ω -allyl cycloalk-2-enones:
 Access to bridged bi- and tricyclic compounds
 AUTHOR(S): Goeke, Andreas; Mertl, Daniel; Brunner, Gerhard
 CORPORATE SOURCE: Fragrance Research, Givaudan Schweiz AG,
 Duebendorf, 8600, Switz.
 SOURCE: Angewandte Chemie, International Edition (2005),
 44(1), 99-101
 CODEN: ACIEF5; ISSN: 1433-7851
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 142:240118
 ED Entered STN: 06 Jan 2005
 GI



AB A rearrangement of ω -allyl cycloalkenones leads to structurally complex bi- and tricyclic ketones in good yields. The method allows efficient access to an olfactorily interesting class of compds. E.g., intramol. cyclization of ω -allyl cycloalk-2-enone I in presence of EtAlCl₂ gave 95% bicycloalkenone II. II had a woody, patchouli, vetiver, and hesperidic scent.

IT 639061-02-2P
 (preparation of bridged bi- and tricyclic compds. by alkyl aluminum
 halide promoted intramol. cyclization of ω -allyl
 cycloalk-2-enones)
 RN 639061-02-2 HCAPLUS
 CN Bicyclo[3.2.1]oct-3-en-2-one, 1,3-dimethyl-5-(1-methylethyl)- (CA
 INDEX NAME)



CC 24-8 (Alicyclic Compounds)

10/518,565

Section cross-reference(s): 62

IT 639060-91-6P 639060-93-8P 639060-96-1P 639061-00-0P
~~639061-02-2P~~ 639061-10-2P 639061-14-6P 844840-34-2P
 844840-37-5P

(preparation of bridged bi- and tricyclic compds. by alkyl aluminum
 halide promoted intramol. cyclization of ω -allyl
 cycloalk-2-enones)

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE
 RE FORMAT

L12 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:2827 HCAPLUS Full-text

DOCUMENT NUMBER: 140:59802

TITLE: Preparation of of bi- and tricyclic alcohols and
 ketones and odorant compositions containing them

INVENTOR(S): Goeke, Andreas

PATENT ASSIGNEE(S): Givaudan SA, Switz.

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

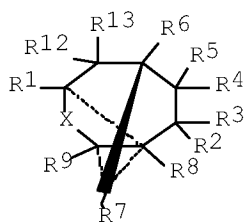
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000776	A1	20031231	WO 2003-CH401	20030620
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003240348	A1	20040106	AU 2003-240348	20030620
EP 1515938	A1	20050323	EP 2003-729764	20030620
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1662483	A	20050831	CN 2003-814559	20030620
CN 1301953	C	20070228		
JP 2005529961	T	20051006	JP 2004-514504	20030620
MX 2004012277	A	20050225	MX 2004-12277	20041207
IN 2004CN02866	A	20060217	IN 2004-CN2866	20041216
US 20050239683	A1	20051027	US 2004-518565	20041220
PRIORITY APPLN. INFO.:			GB 2002-14344	A 20020621

WO 2003-CH401 W 20030620

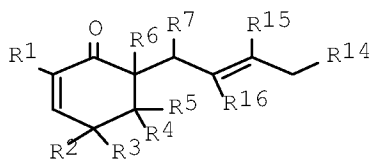
OTHER SOURCE(S): CASREACT 140:59802; MARPAT 140:59802

ED Entered STN: 02 Jan 2004

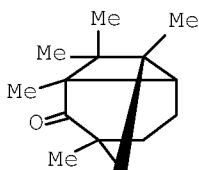
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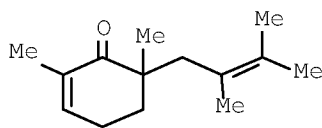
I



II



III



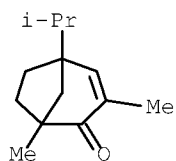
IV

AB Novel compds. I [X = (CR₁₀R₁₁)_n; R₁, R₄, R₆, R₇ = H, Me, Et; R₂, R₃ = H, C₁-5-alkyl; R₂R₃ = 5- or 6-membered cycloalkyl ring; R₅ = H, C₁-4-alkyl; R₈ = H, branched C₃-7-alkyl; R₉ = H, Me, Et, branched C₃-7-alkyl; R₁₀ = Et, Pr; R₁₁ = C₁-4-alkyl; R₁₂ = OH; R₁₃ = H, C₁-4-alkyl; CR₁₂R₁₃ = C:O; the dashed line = single or no bond; with the proviso that: (a) when {C(5) & C(8)} and {C(9) & C(6)} are each connected by a single bond, then C(9) and C(5) are not connected; n = 1; R₇ = R₈ = H; R₉ = H, Me, Et; (b) when {C(5) & C(8)} and {C(9) & C(6)} are each connected by a single bond, then C(9) and C(5) are not connected; n = 0; R₇ = R₈ = H; R₉ = branched C₃-7-alkyl; or (c) when {C(5) & C(8)} are not connected, then C(9) and C(5) are connected by a single bond; n = 0; R₇ = H, Me, Et; R₈ = branched C₃-7-alkyl; R₇R₈ = 5- or 6-membered cycloalkyl ring; then C(6) and C(8) may be connected with a single or double bond] and their use in flavor and fragrance compns. Also provided is a method for the preparation of I comprising cyclization of cyclohexenone derivative II [R₁, R₄, R₆ = H, Me, Et; R₂, R₃ = H, C₁-5-alkyl; R₂R₃ = 5- or 6-membered cycloalkyl ring; R₅ = H, C₁-5-alkyl; R₇, R₁₄ = H, Me, Et; R₇R₁₄ = 5- or 6-membered cycloalkyl ring; R₁₆ = H, branched C₃-7-alkyl] with EtAlCl₂ or MeAlCl₂, optionally followed by a reduction or alkylation of the C(1)-carbonyl; or a process comprising a photochem.-induced cyclization of cyclohexenone II [R₁, R₄, R₆, R₇, R₁₄ = H, Me, Et; R₂, R₃, R₁₆ = H; R₅ = H, linear or branched C₁-4-alkyl; R₇R₁₄ = 5- or 6-membered cycloalkyl ring; R₁₅ = linear or branched C₁-4-alkyl] followed by a hydrogenation across the double bond at C(6)-C(8), optionally followed by a reduction or alkylation of the C(1)-carbonyl. Thus, 1,5,7,8,8-pentamethyltricyclo[3.3.1.0^{2,7}]nonan-6-one [III] was prepared as a mixture with 5-(tert-butyl)-1,3-dimethylbicyclo[3.2.1]oct-3-en-2-one from 2,6-dimethyl-6-(2,3-dimethyl-2-butenyl)cyclohex-2-en-1-one [IV] via cyclization with EtAlCl₂ in PhMe. The olfactive properties of III [woody, patchouli odor] were determined. A formulation for a shower gel with a woody-floral character containing III is described.

IT 639061-02-2F, 5-Isopropyl-1,3-dimethyl[3.2.1]oct-3-en-2-one
(preparation, hydrogenation and olfactive properties of; preparation of of bi- and tricyclic alcs. and ketones and their use in flavor and fragrance compns.)

RN 639061-02-2 HCAPLUS

CN Bicyclo[3.2.1]oct-3-en-2-one, 1,3-dimethyl-5-(1-methylethyl)- (CA INDEX NAME)



IC ICM C07C049-443
 ICS C07C049-633; C07C049-453; C07C049-643; C07C035-37; C11B009-00;
 A61K007-46

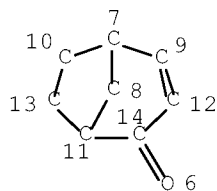
CC 30-15 (Terpenes and Terpenoids)
 Section cross-reference(s): 17, 24, 62, 63

IT **639061-02-2P**, 5-Isopropyl-1,3-dimethyl[3.2.1]oct-3-en-2-one
 (preparation, hydrogenation and olfactive properties of; preparation of of
 bi- and tricyclic alcs. and ketones and their use in flavor and
 fragrance compns.)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE
 RE FORMAT

=> d que 138

L17 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

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L21      22579 SEA FILE=REGISTRY SSS FUL L17
L24      959 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L21
L26      223 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L24 AND TERPENE?/S
          C, SX
L27      48 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L26 AND PRP/RL
L28      QUE SPE=ON  ABB=ON  PLU=ON  FLAVOUR? OR FLAVOR? OR FRAGN
          ANC? OR ODOR? OR ODOUR?
L29      3 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L27 AND L28
L30      4 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L26 AND L28
L31      11 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L24 AND L28
L32      11 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  (L29 OR L30 OR
          L31)
L35      8 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L24 AND  PERFUM?
L37      15 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L32 OR L35
L38      11 SEA FILE=HCAPLUS SPE=ON  ABB=ON  PLU=ON  L37 AND (1840-2003
          )/PRY,AY,PY

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=> d 138 1-11 ibib ed abs hitstr hitind

L38 ANSWER 1 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:141200 HCAPLUS Full-text

DOCUMENT NUMBER: 142:254568

TITLE: Methods and compositions for increasing the
efficacy of biologically-active ingredients such
as antitumor agents

INVENTOR(S): Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.;
Thomas, Collin E.

PATENT ASSIGNEE(S): Board of Regents, the University of Texas System,
USA

SOURCE: PCT Int. Appl., 243 pp.
CODEN: PIXXD2

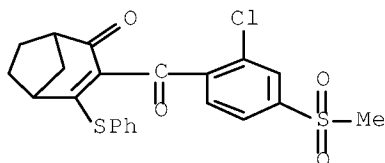
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014777	A2	20050217	WO 2003-US32667	20031016
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WO 2005014777	A3	20050915		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2502148	A1	20050217	CA 2003-2502148	20031016
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AU 2003304398	A1	20050225	AU 2003-304398	20031016
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EP 1576150	A2	20050921	EP 2003-816736	20031016
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 20060276339	A1	20061207	US 2006-531744	20060123
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PRIORITY APPLN. INFO.:			US 2002-418803P	P 20021016
<--				
			WO 2003-US32667	W 20031016
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ED	Entered STN: 18 Feb 2005			
AB	The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the efficacy of active agents, the invention allows use of compns. with lowered concns. of active ingredients.			
IT	156963-66-5 (methods and compns. for increasing efficacy of biol. active ingredients such as antitumor agents)			
RN	156963-66-5 HCAPLUS			
CN	Bicyclo[3.2.1]oct-3-en-2-one, 3-[2-chloro-4-(methylsulfonyl)benzoyl]-4-(phenylthio)- (CA INDEX NAME)			



IC ICM C12N
 CC 1-6 (Pharmacology)
 IT **Perfumes**
 (cherry fragrance oil 493; methods and compns. for increasing
 efficacy of biol. active ingredients such as antitumor agents)

IT Acacia
 Acute lymphocytic leukemia
 Adrenal cortex, neoplasm
 Agrobacterium tumefaciens
 Agrobacterium vitis
 Agrotis segetum granulovirus
 Alkylating agents, biological
 Allium cepa
 Allium sativum
 Ampelomyces quisqualis
 Anthracene oil
 Antibiotic resistance
 Apparatus
 Arabidopsis thaliana
 Arachis hypogaea
 Aschersonia aleyrodis
 Autographa californica nucleopolyhedrovirus
 Avena sativa
 Bacillus amyloliquefaciens
 Bacillus cereus
 Bacillus sphaericus
 Bacillus subtilis
 Bacillus thuringiensis
 Bacillus thuringiensis darmstadiensis
 Bacillus thuringiensis morrisoni
 Beeswax
 Bladder, neoplasm
 Bone meal
 Brain, neoplasm
 Bran
 Burkholderia cepacia
 Capsicum
 Caramel (color)
 Carcinoid
 Cheese
 Chronic lymphocytic leukemia
 Chronic myeloid leukemia
 Cinnamon (horticultural common name)
 Colloids
 Combination chemotherapy
 Cork
 Corncob
 Cottonseed meal
 Creosote
 Cytotoxic agents
 Daucus carota
 Desmodium
 Drug delivery systems
 Drug screening
 Drugs
 Dyes
 Egg
 Esophagus, neoplasm
 Filter paper
 Flours and Meals

Fumigants
 Fungicides
 Gentiana
 Glues
 Gossypium hirsutum
 Hairy cell leukemia
 Helicoverpa zea
 Helicoverpa zea nucleopolyhedrovirus
 Herbicides
 Hodgkin's disease
 Honey
 Human
 Insecticides
 Jet aircraft fuel
 Liliopsida
 Lung, neoplasm
 Lymantria dispar nucleopolyhedrovirus
 Magnoliopsida
 Mammary gland, neoplasm
 Matricaria recutita
 Meat
 Medicago sativa
 Melanoma
 Mentha piperita
 Milk
 Mint
 Molasses
 Multiple myeloma
 Neodiprion lecontei nucleopolyhedrovirus
 Neodiprion sertifer
 Nicotiana tabacum
 Nosema locustae
 Oatmeal
 Odor and Odorous substances
 Orgyia pseudotsugata nucleopolyhedrovirus
 Oryza sativa
 Ovary, neoplasm
 Paecilomyces fumoso-roseus
 Paecilomyces lilacinus
 Paenibacillus lentimorbus
 Paints
 Paper
 Paperboard
 Peanut butter
 Phlebia gigantea
 Phlebiopsis gigantea
 Phytophthora palmivora
 Piper nigrum
 Polycythemia vera
 Propellants (sprays and foams)
 Prostate gland, neoplasm
 Pseudomonas chlororaphis
 Pseudomonas fluorescens
 Pseudomonas syringae
 Puccinia canaliculata
 Quassia
 Quillaja
 Rabbit calicivirus
 Raisin
 Rhizobium leguminosarum

Rhizobium leguminosarum phaseoli
 Rosmarinus officinalis
 Sawdust
 Seaweed
 Sinorhizobium meliloti
 Skin, neoplasm
 Sludges
 Solanum tuberosum
 Sorghum bicolor
 Soybean meal
 Sphagnum
 Spodoptera exigua nucleopolyhedrovirus
 Staphylococcus aureus
 Stomach, neoplasm
 Streptomyces griseoviridis
 Tar oils
 Testis, neoplasm
 Thickening agents
 Thymus (plant)
 Tomato mosaic virus
 Trichoderma harzianum
 Trichoderma polysporum
 Trigonella foenum-graecum
 Triticum aestivum
 Urogenital system, disease
 Verticillium lecanii
 Wheat flour
 Whey
 Wool
 Xanthomonas campestris poannua
 Yeast
 Zea mays

(methods and compns. for increasing efficacy of biol. active
 ingredients such as antitumor agents)

IT	128621-72-7	128639-02-1	130561-48-7	131475-57-5	131801-02-0,
	Nuxtra Calcium	131801-04-2,	Nuxtra Manganese	131860-33-8	
	131929-63-0	131983-72-7	133220-30-1	133408-50-1	134605-64-4
	135397-30-7	135410-20-7	135590-91-9	135591-00-3	136191-56-5
	136426-54-5	136849-15-5	137641-05-5	138164-12-2	138261-41-3
	138698-36-9	139528-85-1	139963-64-7	141112-06-3	141517-21-7
	141776-32-1	142459-58-3	142464-92-4	142469-14-5	142891-20-1
	143390-89-0	144550-06-1	144550-36-7	144651-06-9	144740-53-4
	144740-54-5	145701-23-1	146659-78-1	147150-35-4	148788-55-0
	148812-65-1	149253-65-6	149961-52-4	149979-41-9	150315-10-9
	152787-03-6,	ADK Stab 1500	153123-34-3,	8-Dodecen-1-ol	153197-14-9
	154201-55-5	155569-91-8	155645-89-9,	Silver oxide (Ag4O4)	
	156963-66-5	158237-07-1	158755-95-4	159518-97-5	
	161050-58-4	163269-30-5	168088-61-7	168316-95-8,	Spinosad
	168832-50-6	171248-07-0	175013-18-0	175217-20-6	179095-30-8,
	Drew Plus L 768	181274-15-7	199545-94-3	208465-21-8	
	274671-61-3	291536-79-3	291536-80-6	291536-82-8	291536-84-0
	291536-86-2	291536-87-3	291536-88-4	291536-89-5	291536-90-8
	291536-91-9	303021-82-1	313493-42-4	358622-53-4	403806-37-1
	478285-76-6	691397-13-4	802553-83-9	845739-24-4	845739-25-5
	845739-26-6	845739-27-7	845739-29-9	850167-48-5	851707-93-2
	851811-25-1	855889-48-4	855926-69-1,	Silver sodium zirconium	
	phosphate (Ag0.18Na0.57Zr2(PO4)3)	856011-68-2D,	alkyl ethers,	nickel	
	sulfate complexes	856668-65-0	857198-51-7	862271-76-9	

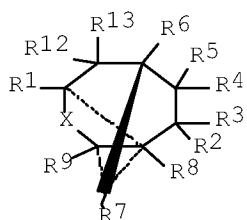
(methods and compns. for increasing efficacy of biol. active
 ingredients such as antitumor agents)

10/518,565

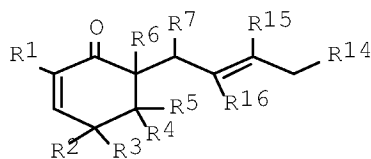
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT

L38 ANSWER 2 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:2827 HCAPLUS Full-text
DOCUMENT NUMBER: 140:59802
TITLE: Preparation of of bi- and tricyclic alcohols and
ketones and ~~odorant~~ compositions
containing them
INVENTOR(S): Goeke, Andreas
PATENT ASSIGNEE(S): Givaudan SA, Switz.
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

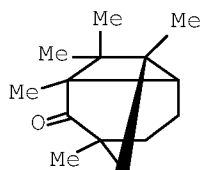
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000776	A1	20031231	WO 2003-CH401	20030620
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003240348	A1	20040106	AU 2003-240348	20030620
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EP 1515938	A1	20050323	EP 2003-729764	20030620
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CN 1662483	A	20050831	CN 2003-814559	20030620
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CN 1301953	C	20070228		
JP 2005529961	T	20051006	JP 2004-514504	20030620
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MX 2004012277	A	20050225	MX 2004-12277	20041207
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IN 2004CN02866	A	20060217	IN 2004-CN2866	20041216
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US 20050239683	A1	20051027	US 2004-518565	20041220
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PRIORITY APPLN. INFO.:			GB 2002-14344	A 20020621
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OTHER SOURCE(S): CASREACT 140:59802; MARPAT 140:59802				
ED Entered STN: 02 Jan 2004				
GI				



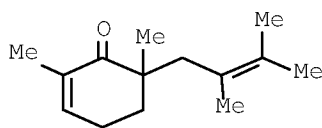
I



II



III



IV

AB Novel compds. I [X = (CR₁₀R₁₁)_n; R₁, R₄, R₆, R₇ = H, Me, Et; R₂, R₃ = H, C₁-5-alkyl; R₂R₃ = 5- or 6-membered cycloalkyl ring; R₅ = H, C₁-4-alkyl; R₈ = H, branched C₃-7-alkyl; R₉ = H, Me, Et, branched C₃-7-alkyl; R₁₀ = Et, Pr; R₁₁ = C₁-4-alkyl; R₁₂ = OH; R₁₃ = H, C₁-4-alkyl; CR₁₂R₁₃ = C:O; the dashed line = single or no bond; with the proviso that: (a) when {C(5) & C(8)} and {C(9) & C(6)} are each connected by a single bond, then C(9) and C(5) are not connected; n = 1; R₇ = R₈ = H; R₉ = H, Me, Et; (b) when {C(5) & C(8)} and {C(9) & C(6)} are each connected by a single bond, then C(9) and C(5) are not connected; n = 0; R₇ = R₈ = H; R₉ = branched C₃-7-alkyl; or (c) when {C(5) & C(8)} are not connected, then C(9) and C(5) are connected by a single bond; n = 0; R₇ = H, Me, Et; R₈ = branched C₃-7-alkyl; R₇R₈ = 5- or 6-membered cycloalkyl ring; then C(6) and C(8) may be connected with a single or double bond] and their use in flavor and fragrance compns. Also provided is a method for the preparation of I comprising cyclization of cyclohexenone derivative II [R₁, R₄, R₆ = H, Me, Et; R₂, R₃ = H, C₁-5-alkyl; R₂R₃ = 5- or 6-membered cycloalkyl ring; R₅ = H, C₁-5-alkyl; R₇, R₁₄ = H, Me, Et; R₇R₁₄ = 5- or 6-membered cycloalkyl ring; R₁₆ = H, branched C₃-7-alkyl] with EtAlCl₂ or MeAlCl₂, optionally followed by a reduction or alkylation of the C(1)-carbonyl; or a process comprising a photochem.-induced cyclization of cyclohexenone II [R₁, R₄, R₆, R₇, R₁₄ = H, Me, Et; R₂, R₃, R₁₆ = H; R₅ = H, linear or branched C₁-4-alkyl; R₇R₁₄ = 5- or 6-membered cycloalkyl ring; R₁₅ = linear or branched C₁-4-alkyl] followed by a hydrogenation across the double bond at C(6)-C(8), optionally followed by a reduction or alkylation of the C(1)-carbonyl. Thus, 1,5,7,8,8-pentamethyltricyclo[3.3.1.0^{2,7}]nonan-6-one [III] was prepared as a mixture with 5-(tert-butyl)-1,3-dimethylbicyclo[⁷oct-3-en-2-one from 2,6-dimethyl-6-(2,3-dimethyl-2-butenyl)cyclohex-2-enone [IV] via cyclization with EtAlCl₂ in PhMe. The olfactive properties of III [woody, patchouli odor] were determined. A formulation for a shower gel with a woody-floral character containing III is described.

IT 639061-06-6P, 5-(tert-Butyl)-1,3-dimethylbicyclo[⁷oct-3-en-2-one 639061-08-8P, 5-(sec-Butyl)-1,3-dimethylbicyclo[⁷oct-3-en-2-one 639061-10-2P, 5-Isopropyl-3-methylbicyclo[⁷oct-3-en-2-one 639061-12-4P, 5,7-Diisopropyl-3-methylbicyclo[⁷oct-3-en-2-one 639061-14-6P, 5-Isopropyl-3,7,7-trimethylbicyclo[3.3.1.0^{2,7}]oct-3-en-2-one

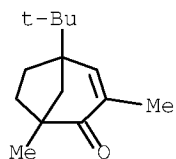
10/518,565

639061-16-8P, 1,3,5-Trimethyl-1,5,6,7,8,8a-hexahydro-1,4a-ethanonaphthalen-2-one

(preparation of of bi- and tricyclic alcs. and ketones and their use in flavor and fragrance compns.)

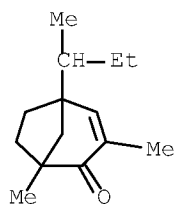
RN 639061-06-6 HCAPLUS

CN Bicyclo[3.2.1]oct-3-en-2-one, 5-(1,1-dimethylethyl)-1,3-dimethyl- (CA INDEX NAME)



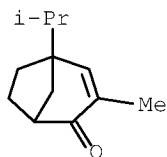
RN 639061-08-8 HCAPLUS

CN Bicyclo[3.2.1]oct-3-en-2-one, 1,3-dimethyl-5-(1-methylpropyl)- (CA INDEX NAME)



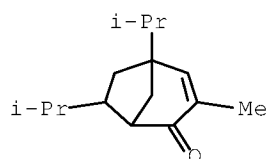
RN 639061-10-2 HCAPLUS

CN Bicyclo[3.2.1]oct-3-en-2-one, 3-methyl-5-(1-methylethyl)- (CA INDEX NAME)

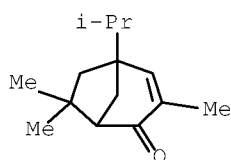


RN 639061-12-4 HCAPLUS

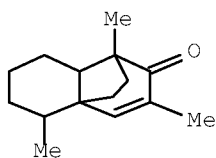
CN Bicyclo[3.2.1]oct-3-en-2-one, 3-methyl-5,7-bis(1-methylethyl)- (CA INDEX NAME)



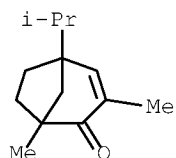
RN 639061-14-6 HCAPLUS
 CN Bicyclo[3.2.1]oct-3-en-2-one, 3,7,7-trimethyl-5-(1-methylethyl)- (CA INDEX NAME)



RN 639061-16-8 HCAPLUS
 CN 2H-1,4a-Ethanonaphthalen-2-one,
 1,5,6,7,8,8a-hexamethyl- (CA INDEX NAME)



IT 639061-02-2P, 5-Isopropyl-1,3-dimethyl[3.2.1]oct-3-en-2-one
 (preparation, hydrogenation and olfactive properties of; preparation of of
 bi- and tricyclic alcs. and ketones and their use in **flavor**
 and fragrance compns.)
 RN 639061-02-2 HCAPLUS
 CN Bicyclo[3.2.1]oct-3-en-2-one, 1,3-dimethyl-5-(1-methylethyl)- (CA INDEX NAME)



IC ICM C07C049-443
 ICS C07C049-633; C07C049-453; C07C049-643; C07C035-37; C11B009-00;
 A61K007-46

- CC 30-15 (~~Terpenes~~ and Terpenoids)
Section cross-reference(s): 17, 24, 62, 63
- ST ~~odorant~~ bicyclic tricyclic alc ketone prepn; fragrance
bicyclic tricyclic alc ketone prepn; ~~flavoring~~ material
bicyclic tricyclic alc ketone prepn
- IT Alcohols, preparation
Ketones, preparation
(bicyclic, and tricyclic; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT ~~Flavoring~~ materials
(for pharmaceuticals and food; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Bath preparations
(gels, ~~odorants~~ for; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Chemicals
(household, ~~odorants~~ for; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Bicyclic compounds
(ketones, and tricyclic; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Cosmetics
Deodorants (personal)
Laundering
(~~odorants~~ for; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Cyclization
(of alkenylcyclohexenones; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Addition reaction
Alkylation
Reduction
(of bi- and tricyclic ketones; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Hydrogenation
(of unsatd. bi- and tricyclic ketones; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Structure-activity relationship
(olfaction-affecting; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Cyclization
(photocyclization, of alkenylcyclohexenones; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Odor and Odorous substances
~~Perfumes~~
(preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT Monoterpenes
(preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 503-60-6, Prenyl chloride
(alkylation by, of dimethylphenol; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)

- IT 870-63-3, Prenyl bromide
(alkylation by, of methylcyclohexenone; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 639061-23-7, 2,5,5-Trimethyl-6-(3-methyl-2-butenyl)cyclohex-2-enone
(cyclization of, in the presence of ethylaluminum dichloride; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 563-43-9, Ethylaluminum dichloride, reactions 917-65-7, Methylaluminum dichloride
(cyclization reagent; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 639061-20-4P, 2-Methyl-6-(3-methyl-2-butenyl)cyclohex-2-enone
(preparation and cyclization of; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 639060-91-6P, 1,5,7,8,8-Pentamethyltricyclo[3.3.1.0^{2,7}]nonan-6-one
639060-93-8P, 1,3,3,5,7,8,8-Heptamethyltricyclo[3.3.1.0^{2,7}]nonan-6-one
639060-94-9P, 3,3,5,7,8,8-Hexamethyltricyclo[3.3.1.0^{2,7}]nonan-6-one
639060-96-1P, 3,3,5,8,8-Pentamethyltricyclo[3.3.1.0^{2,7}]nonan-6-one
639061-00-0P, 1-Isopropyl-3,3,5-trimethyltricyclo[3.2.1.0^{2,7}]octan-6-one
639061-04-4P, 5-Isopropyl-1,3-dimethyl[3.2.1]octan-2-one
~~639061-06-6P, 5-(tert-Butyl)-1,3-dimethylbicyclo[]oct-3-en-2-one~~
~~639061-08-8P, 5-(sec-Butyl)-1,3-dimethylbicyclo[]oct-3-en-2-one~~
~~639061-10-2P, 5-Isopropyl-3-methylbicyclo[]oct-3-en-2-one~~
~~639061-12-4P, 5,7-Diisopropyl-3-methylbicyclo[]oct-3-en-2-one~~
~~639061-14-6P, 5-Isopropyl-3,7,7-trimethylbicyclo[3.3.1.0^{2,7}]oct-3-en-2-one~~
~~639061-16-8P, 1,3,5-Trimethyl-1,5,6,7,8,8a-hexahydro-1,4a-ethanonaphthalen-2-one~~
639061-18-0P, 5,6,7,8,8-Pentamethyltricyclo[3.3.1.0^{2,7}]nonan-6-ol
(preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT ~~639061-02-2P, 5-Isopropyl-1,3-dimethyl[3.2.1]oct-3-en-2-one~~
(preparation, hydrogenation and olfactive properties of; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 639060-98-3P, 5,7,8,8-Tetramethyltricyclo[3.3.1.0^{2,7}]nonan-6-one
(preparation, olfactive properties and Grignard reaction of, with methylmagnesium chloride; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 435270-49-8P, 2,6-Dimethyl-6-(3-methyl-2-butenyl)cyclohex-2-enone
(preparation, olfactive properties and cyclization reactions of; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 1121-18-2, 2-Methyl-2-cyclohexenone
(regioselective alkylation of, by prenyl bromide; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)
- IT 576-26-1, 2,6-Dimethylphenol
(regioselective alkylation of, by prenyl chloride, followed by hydrogenation; preparation of of bi- and tricyclic alcs. and ketones and their use in ~~flavor~~ and fragrance compns.)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

DOCUMENT NUMBER: 138:390526
 TITLE: ~~Odor~~ masking compositions containing
 fragrant substances for hair cosmetics
 INVENTOR(S): Kawasaki, Kiyomitsu
 PATENT ASSIGNEE(S): Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 81 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2003137758	A	20030514	JP 2001-330894	20011029
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PRIORITY APPLN. INFO.:			JP 2001-330894	20011029
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ED Entered STN: 15 May 2003

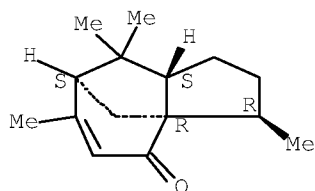
AB The compns., useful for permanent wave agents, hair dyes, etc., contain ≥ 1 fragrances chosen from hydrocarbons, alcs., phenols, aldehydes and/or acetals, ketones and/or ketals, ethers, synthetic musks, acids, lactones, esters, N-, S-, and/or halogen-containing compds., and natural fragrances. A fragrance composition was prepared from 1,3,5-undecatriene 10, 10-undecenol 10, 1-octen-3-ol 10, 10-undecenal 10, 2,4-decadienal 10, 1,8-cineole 10, phenylacetic acid (1%) 10, 1-ethynylcyclohexyl acetate 10, 1-octen-3-yl acetate 5, 2-ethylhexyl acetate 10, and Abies fir oil 5 weight parts.

IT 30960-39-5, Cedrenone
 (~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

RN 30960-39-5 HCAPLUS

CN 4H-3a,7-Methanoazulen-4-one, 1,2,3,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, (3R,3aR,7S,8aS)- (CA INDEX NAME)

Absolute stereochemistry.



IC ICM A61K007-46

ICS A61K007-06; A61K007-09; A61K007-13

CC 62-3 (Essential Oils and Cosmetics)

ST ~~odor~~ masking fragrance hair cosmetic; permanent wave agent
~~odor~~ masking fragrance; hair dye ~~odor~~ masking
 fragrance

IT Essential oils

(Abies fir; ~~odor~~ masking compns. containing fragrant
 substances for hair cosmetics)

IT Essential oils

(Ambrette seed; ~~odor~~ masking compns. containing fragrant
 substances for hair cosmetics)

- IT Essential oils
(Amyris; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Angelica; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Calamus; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Cascarilla; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Cassia China; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Cinnamome Ceylon; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Ciste labdanum; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Civet; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Clove Bourbon; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Codium fragile; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Elemi; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Galbanum; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Geranium glass; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Ginger glass; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Guaiac; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Hinoki; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Ho wood; odor masking compns. containing fragrant substances
for hair cosmetics)
- IT Essential oils
(Hyacinth; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Jonquilla; odor masking compns. containing fragrant
substances for hair cosmetics)
- IT Essential oils
(Laurel; odor masking compns. containing fragrant substances
for hair cosmetics)

- IT Essential oils
(Lavandin; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Lovage; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Melissa; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Mimosa; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Narcissus; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Oak moss; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Opoponax; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Pennyroyal; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Pepper; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Balsams
Balsams
(Peru; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Pimento berry; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Roman chamomile; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Rose Bulgaria; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Rosewood; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Spike lavender; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Styrax; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Sweet fennel; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Tolu balsam; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Tonka beans; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(Tuberose; ~~odor~~ masking compns. containing fragrant

substances for hair cosmetics)

IT Essential oils
(Verbena; ~~odor~~ masking compns. containing fragrant substances
for hair cosmetics)

IT Essential oils
(Vetiver Bourbon; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Essential oils
(Vetiver oil Java; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Essential oils
(Violet leave; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Ananas comosus
Cucumis sativus
(aldehyde of; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Cocos nucifera
(aldehyde; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Waxes
(ambergris, tincture; ~~odor~~ masking compns. containing
fragrant substances for hair cosmetics)

IT Essential oils
(anise; ~~odor~~ masking compns. containing fragrant substances
for hair cosmetics)

IT Essential oils
(basil, Ocimum basilicum; ~~odor~~ masking compns. containing
fragrant substances for hair cosmetics)

IT Essential oils
(bay; ~~odor~~ masking compns. containing fragrant substances for
hair cosmetics)

IT Essential oils
Essential oils
(bergamot; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Essential oils
Essential oils
(bitter almond; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Essential oils
(buchu; ~~odor~~ masking compns. containing fragrant substances
for hair cosmetics)

IT Essential oils
(camphor; ~~odor~~ masking compns. containing fragrant substances
for hair cosmetics)

IT Essential oils
(caraway; ~~odor~~ masking compns. containing fragrant substances
for hair cosmetics)

IT Essential oils
(cardamom; ~~odor~~ masking compns. containing fragrant
substances for hair cosmetics)

IT Essential oils
(cassia, Cananga Java; ~~odor~~ masking compns. containing
fragrant substances for hair cosmetics)

IT Essential oils
(cassia; ~~odor~~ masking compns. containing fragrant substances
for hair cosmetics)

IT Secretions (external)
(castoreum, resinoid; ~~odor~~ masking compns. containing

fragrant substances for hair cosmetics)

IT Essential oils
(cedarwood; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(celery; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(chamomile; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(citronella; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(clove; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Balsams
Essential oils
(copaiba; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(coriander seed; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(costus; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(cumin; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(cypress; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Hair preparations
(dyes; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(eucalyptus; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
(fennel; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Musks
(fragrances; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Acetals
Alcohols, biological studies
Aldehydes, biological studies
Carboxylic acids, biological studies
Esters, biological studies
Ethers, biological studies
Hydrocarbons, biological studies
Ketals
Ketones, biological studies
Lactones
Phenols, biological studies
(fragrances; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)

IT Essential oils
Essential oils
(geranium; ~~odor~~ masking compns. containing fragrant

- substances for hair cosmetics)
- IT Essential oils
 - (ginger; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (guaiac wood; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (hiba wood; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (hyssop; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (incense oil; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (jasmine; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (juniper, Juniperus communis berry; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (labdanum; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (lavender; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - Essential oils
 - (lemon; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (lemongrass; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (lime; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (mandarin orange; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (mandarin; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (marjoram; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Fats and Glyceridic oils, biological studies
 - (nutmeg butter; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
 - (nutmeg; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Hair preparations
 - Perfumes
 - Salvia
 - Wintergreen
 - (~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Paraffin oils

- Polyoxyalkylenes, biological studies
(odor masking compns. containing fragrant substances for hair cosmetics)
- IT Aldehydes, biological studies
(of pineapple or coconut; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(orange flow; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(orange, sour; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(orange, sweet; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(parsley; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(patchouli; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(peppermint; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Hair preparations
(permanent wave; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(petigrain Paraguay; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(petigrain; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(petitgrain; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(pine; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Vanilla
(resinoid; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(rosemary; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(rue; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(sage, *Salvia officinalis*; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(sandalwood; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(spearmint; odor masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(tangerine; odor masking compns. containing fragrant substances for hair cosmetics)

- IT Essential oils
(tarragon; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(thyme, *Thymus vulgaris*; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Balsams
(tolu; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(vanilla; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(wintergreen; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT Essential oils
(ylang-ylang; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT 124-13-0, Aldehyde C 8
(Aldehyde C 8; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT 31244-58-3, Octalin
(formate derivative; ~~odor~~ masking compns. containing fragrant substances for hair cosmetics)
- IT 50-21-5, Lactic acid, biological studies 57-06-7, Allyl isothiocyanate 57-11-4, Stearic acid, biological studies 57-55-6, Propylene glycol, biological studies 60-12-8, β -Phenylethyl alcohol 60-29-7, Diethyl ether, biological studies 60-33-3, Linolic acid, biological studies 64-19-7, Acetic acid, biological studies 65-85-0, Benzoic acid, biological studies 66-25-1, Hexanal 67-47-0, 5-(Hydroxymethyl)-2-furfural 67-64-1, Acetone, biological studies 68-11-1, Mercaptoacetic acid, biological studies 72-18-4, Valine, biological studies 75-07-0, Acetaldehyde, biological studies 75-18-3, Dimethyl sulfide 75-33-2, Isopropyl mercaptan 76-22-2, Camphor 77-53-2, Cedrol 77-54-3, Cedryl acetate 77-73-6, Dicyclopentadiene 77-83-8, Ethylmethylphenyl glycidate 77-92-9, Citric acid, biological studies 77-93-0, Triethyl citrate 78-35-3, Linalyl isobutyrate 78-36-4, Linalyl butyrate 78-37-5, Linalyl cinnamate 78-69-3, Tetrahydrolinalool 78-70-6, Linalool 78-79-5, Isoprene, biological studies 78-93-3, 2-Butanone, biological studies 79-09-4, Propionic acid, biological studies 79-20-9, Methyl acetate 79-31-2, Isobutyric acid 79-78-7, Allyl α -ionone 79-92-5, Camphene 80-26-2 80-27-3 80-54-6, Lilial 80-56-8, α -Pinene 80-57-9, Verbenone 80-59-1, Tiglic acid 80-71-7, Cyclotene 83-34-1, Skatole 83-66-9, Musk ambrette 83-86-3, Phytic acid 84-66-2, Diethyl phthalate 85-91-6, Methyl N-methylantranilate 87-19-4, Isobutyl salicylate 87-20-7, Isoamyl salicylate 87-22-9 87-25-2, Ethyl anthranilate 87-29-6, Cinnamyl anthranilate 87-44-5, β -Caryophyllene 87-69-4, Tartaric acid, biological studies 87-91-2, Diethyl tartrate 88-09-5, 2-Ethylbutyric acid 88-29-9, Versalide 88-41-5, o-tert-Butylcyclohexyl acetate 88-84-6, Guaiene 89-43-0 89-79-2, Isopulegol 89-80-5, Menthone 89-81-6, Piperitone 89-82-7 89-83-8, Thymol 90-02-8, Salicylaldehyde, biological studies 90-05-1, Guaiacol 90-17-5, Rose phenone 90-87-9, Hydrotropaldehyde dimethyl acetal 91-10-1, 2,6-Dimethoxyphenol 91-16-7, 1,2-Dimethoxybenzene 91-17-8, Decalin 91-20-3, Naphthalene, biological studies 91-22-5, Quinoline, biological studies 91-60-1, 2-Naphthyl mercaptan 91-61-2 91-64-5, Coumarin 91-87-2,

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 β -Naphthyl methyl ether 93-08-3, 2'-Acetonaphthone 93-15-2,
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 109-99-9, Tetrahydrofuran, biological studies 110-01-0,
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 ether 110-74-7, Propyl formate 110-80-5, Ethylene glycol monoethyl
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 studies 110-89-4, Piperidine, biological studies 110-93-0,
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 111-13-7, 2-Octanone 111-14-8, Heptanoic acid 111-29-5,
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 121-32-4, Ethylvanillin 121-33-5, Vanillin 121-34-6, Vanillic acid
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 122-72-5, 3-Phenylpropyl acetate 122-73-6, Isoamyl benzyl ether
 122-74-7, 3-Phenylpropyl propionate 122-78-1, Phenylacetaldehyde
 122-84-9 122-91-8, Anisyl formate 122-97-4, Hydrocinnamic alcohol
 122-99-6, Phenoxyethyl alcohol 123-07-9, p-Ethylphenol 123-11-5,
 p-Methoxybenzaldehyde, biological studies 123-19-3, 4-Heptanone
 123-25-1, Diethyl succinate 123-29-5, Ethyl nonanoate 123-32-0,
 2,5-Dimethylpyrazine 123-35-3, 7-Methyl-3-methylene-1,6-octadiene
 123-42-2, Diacetone alcohol 123-63-7, Paraldehyde 123-66-0, Ethyl
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 β -Caryophyllene alcohol 475-20-7, Longifolene 488-10-8,
 cis-Jasmone 490-03-9 491-09-8, Piperitenone 491-35-0,
 4-Methylquinoline 495-62-5, Bisabolene 496-77-5,
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 Hinokitiol 499-75-2, Carvacrol 500-02-7, Cryptone 501-52-0,
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 Isovaleric acid 505-10-2, Methionol 505-32-8, Isophytol
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 α -Bisabolol 536-50-5, p, α -Dimethylbenzyl alcohol
 536-59-4, Perilla alcohol 536-60-7, Cumin alcohol 538-86-3, Methyl
 benzyl ether 539-82-2, Ethyl valerate 539-88-8, Ethyl levulinate
 539-90-2, Isobutyl butyrate 540-07-8, Amyl caproate 540-18-1, Amyl
 butyrate 540-42-1, Isobutyl propionate 541-31-1, Isoamyl mercaptan
 541-91-3, Muscone 542-46-1, Civetone 542-92-7, Cyclopentadiene,
 biological studies 543-39-5, Myrcenol 543-49-7, 2-Heptanol
 544-40-1, Butyl sulfide 544-63-8, Myristic acid, biological studies
 544-76-3, Hexadecane 546-79-2, Sabinene hydrate 547-63-7, Methyl
 isobutyrate 547-64-8, Methyl lactate 551-08-6 555-66-8, Shogaol
 556-24-1, Methyl isovalerate 556-82-1, 3-Methyl-2-buten-1-ol
 557-00-6, Propyl isovalerate 562-74-3, Terpinen-4-ol 563-80-4,
 Methyl isopropyl ketone 583-04-0, Allyl benzoate 586-62-9,
 Terpinolene 589-35-5, 3-Methylpentanol 589-38-8, 3-Hexanone
 589-59-3, Isobutyl isovalerate 589-66-2, Isobutyl crotonate
 589-75-3, Butyl octanoate 589-82-2, 3-Heptanol 589-98-0, 3-Octanol
 590-01-2, Butyl propionate 590-86-3, Isovaleraldehyde 591-12-8,
 α -Angelica lactone 591-68-4, Butyl valerate 591-80-0,
 4-Pentenoic acid 592-84-7, Butyl formate 592-88-1, Diallyl sulfide
 593-08-8, 2-Tridecanone 593-45-3, Octadecane 600-14-6,
 2,3-Pentanedione 606-45-1, Methyl o-methoxybenzoate 607-88-5,
 p-Cresyl salicylate 611-13-2, Methyl 2-furoate 614-99-3, Ethyl
 2-furoate 616-25-1, 1-Penten-3-ol 617-35-6, Ethyl pyruvate
 617-50-5, Isopropyl isobutyrate 620-02-0, 5-Methylfurfural
 620-79-1, Ethyl 2-benzylacetoacetate 621-82-9, Cinnamic acid,
 biological studies 622-45-7, Cyclohexyl acetate 622-60-6
 622-78-6, Benzyl isothiocyanate 623-15-4, Furfuralacetone
 623-17-6, Furfuryl acetate 623-22-3, Propyl 2-furanacrylate
 623-30-3 623-42-7, Methyl butyrate 624-13-5, Propyl octanoate
 624-24-8, Methyl valerate 624-41-9, 2-Methylbutyl acetate
 624-42-0, Ethyl isoamyl ketone 624-92-0, Dimethyl disulfide
 626-77-7, Propyl hexanoate 626-82-4, Butyl hexanoate 628-63-7,
 Amyl acetate 628-97-7, Ethyl palmitate 628-99-9, 2-Nonanol
 629-11-8, Hexamethylene glycol 629-14-1, Ethylene glycol diethyl
 ether 629-19-6, Dipropyl disulfide 629-33-4, Hexyl formate
 629-50-5, Tridecane 629-59-4, Tetradecane 629-62-9, Pentadecane
 629-78-7, Heptadecane 637-64-9, Tetrahydrofurfuryl acetate
 638-11-9, Isopropyl butyrate 638-17-5, Thialdine 638-25-5, Amyl
 caprylate 638-49-3, Amyl formate 638-53-9, Tridecanoic acid
 644-49-5, Propyl isobutyrate 646-07-1, 4-Methylpentanoic acid
 656-53-1 659-70-1, Isoamyl isovalerate 673-84-7, Alloocimene
 688-82-4, Heptanal diethyl acetal 693-95-8, 4-Methyl thiazole

695-06-7, γ -Hexalactone 698-10-2 698-76-0,
 δ -Octalactone 705-73-7 705-86-2, δ -Decanolactone
706-14-9, γ -Decalactone 710-04-3, δ -Undecalactone
713-95-1, δ -Dodecalactone 765-05-9 774-48-1, Benzaldehyde
diethyl acetal 818-81-5, 2-Methyloctanol 821-55-6, 2-Nonanone
823-22-3, δ -Hexalactone 825-51-4 828-26-2, Trithioacetone
868-57-5, Methyl 2-methylbutyrate 870-23-5, Allyl mercaptan
881-68-5, Acetylvanillin 925-78-0, 3-Nonanone 928-91-6,
cis-4-Hexen-1-ol 928-95-0, trans-2-Hexenol 928-96-1,
cis-3-Hexen-1-ol 928-97-2, trans-3-Hexen-1-ol 932-92-3, Cyclohexyl
ethyl ether 939-48-0, Isopropyl benzoate 943-88-4,
4-(4-Methoxyphenyl)-3-buten-2-one 947-05-7, Dodecalactone
999-40-6, Neryl butyrate 1003-04-9, Tetrahydrothiophen-3-one
1009-11-6 1072-83-9, 2-Acetylpyrrole 1079-01-2, Myrtenyl acetate
1113-21-9, Geranyl linalool 1117-52-8, Farnesylacetone 1117-55-1,
Hexyl octanoate 1118-27-0, Linalyl isovalerate 1118-39-4, Myrcenyl
acetate 1119-44-4, 3-Hepten-2-one 1120-21-4, Undecane 1122-62-9,
2-Acetylpyridine 1123-85-9, 2-Phenylpropyl alcohol 1124-11-4,
Tetramethylpyrazine 1125-21-9, 4-Oxoisophorone 1125-88-8,
Benzaldehyde dimethyl acetal 1135-66-6, IsoLongifolene 1139-30-6,
 β -Caryophyllene oxide 1142-85-4 1188-02-9, 2-Methylheptanoic
acid 1191-04-4, 2-Hexenoic acid 1191-16-8, Prenyl acetate
1192-62-7, 2-Acetylfuran 1193-79-9, 2-Acetyl-5-methylfuran
1195-32-0, α -p-Dimethylstyrene 1195-92-2, Limonene oxide
1197-01-9 1205-17-0, Helional 1211-29-6, Methyl jasmonate
1222-05-5, Galaxolide 1319-88-6, Benzaldehyde glyceryl acetal
1320-67-8, Propylene glycol monomethyl ether 1322-12-9, Ethyl
octynecarbonate 1322-34-5, Methyl decynyl carbonate 1323-00-8,
Santalyl acetate 1331-83-5, Anisyl acetate 1333-49-9,
Dimethyloctanol 1333-58-0, Isobutylquinoline 1335-06-4,
Bromostyrene 1335-46-2, Methylionone 1335-66-6, Isocyclocitral
1365-19-1, Linalool oxide 1502-22-3,
2-(1-Cyclohexen-1-yl)cyclohexanone 1504-74-1, o-Methoxycinnamic
aldehyde 1551-44-6, Cyclohexyl butyrate 1576-87-0,
trans-2-Pentenal 1599-47-9, Hexanal dimethyl acetal 1599-49-1
1604-28-0, 6-Methyl-3,5-heptadien-2-one 1653-30-1, 2-Undecanol
1708-34-5 1725-01-5, 1,8-Dioxacycloheptadecan-9-one 1728-46-7
1731-84-6, Methyl nonanoate 1759-28-0, 4-Methyl-5-vinylthiazole
1786-08-9, Nerol oxide 1866-31-5, Allyl cinnamate 1901-26-4,
3-Methyl-4-phenyl-3-buten-2-one 2021-28-5, Ethyl 3-phenylpropionate
2035-99-6, Isoamyl octanoate 2050-01-3, Isoamyl isobutyrate
2050-08-0, Pentyl salicylate 2051-78-7, Allyl butyrate 2052-14-4,
Butyl salicylate 2052-15-5, Butyl levulinate 2084-18-6
2111-75-3, Perillaldehyde 2120-70-9, Phenoxyacetaldehyde
2142-94-1, Neryl formate 2153-26-6 2153-28-8 2173-56-0, Amyl
valerate 2173-57-1 2179-57-9, Diallyl disulfide 2179-60-4,
Methyl propyl disulfide 2198-61-0, Isoamyl hexanoate 2216-45-7,
4-Methylbenzyl acetate 2216-51-5 2217-33-6, Tetrahydrofurfuryl
butyrate 2226-05-3 2277-19-2, cis-6-Nonenal 2294-76-0
2305-21-7, 2-Hexen-1-ol 2305-25-1, Ethyl 3-hydroxyhexanoate
2306-88-9, Octyl octanoate 2306-91-4, Isoamyl decanoate 2311-46-8,
Isopropyl hexanoate 2311-59-3, Isopropyl decanoate 2315-68-6,
Propyl benzoate 2345-24-6, Neryl isobutyrate 2345-26-8, Geranyl
isobutyrate 2349-07-7, Hexyl isobutyrate 2349-14-6, Methyl
geranate

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IT 2351-90-8, Ethyl 2-octenoate 2363-88-4, 2,4-Decadienal 2408-20-0,
Allyl propionate 2412-80-8, Methyl isohexanoate 2432-51-1

2436-90-0, Dihydromyrcene 2437-25-4, Dodecanonitrile 2442-10-6,
 1-Octen-3-yl acetate 2444-46-4, Nonanoylvanillylamide 2445-76-3,
 Hexyl propionate 2445-77-4, 2-Methylbutyl isovalerate 2497-18-9,
 trans-2-Hexenyl acetate 2568-25-4, Benzaldehyde propylene glycol
 acetal 2623-23-6, L-Menthyl acetate 2630-39-9, Methyl
 dihydrojasmonate 2639-63-6, Hexyl butyrate 2705-87-5, Allyl
 cyclohexanepropionate 2721-22-4, δ -Tetradecalactone
 2756-56-1, Isobornyl propionate 2785-87-7, Dihydroeugenol
 2785-89-9, 4-Ethylguaiaicol 2807-30-9, Ethylene glycol monopropyl
 ether 2835-39-4, Allyl isovalerate 2847-30-5,
 2-Methoxy-3-methylpyrazine 2949-92-0, S-Methyl methanethiosulfonate
 2979-22-8 2983-37-1, Ethyl 2-ethylhexanoate 3142-72-1,
 2-Methyl-2-pentenoic acid 3149-28-8, Methoxypyrazine 3160-37-0,
 Heliotropylacetone 3268-49-3, Methional 3301-94-8,
 δ -Nonalactone 3387-41-5, Sabinene 3391-83-1,
 1,7-Dioxacycloheptadecan-8-one 3391-86-4, 1-Octen-3-ol 3452-97-9,
 3,5,5-Trimethylhexanol 3454-07-7, p-Ethylstyrene 3558-60-9
 3581-91-7, 4,5-Dimethylthiazole 3583-00-4,
 4-Isopropyl-5,5-dimethyl-1,3-dioxane 3613-30-7, Methoxycitronellal
 3658-77-3, Furaneol 3658-80-8, Dimethyl trisulfide 3658-93-3,
 Hexanal diethyl acetal 3681-71-8, cis-3-Hexenyl acetate 3683-12-3
 3779-62-2, Sinensal 3796-70-1, Geranylacetone 3848-24-6,
 2,3-Hexanedione 3913-81-3 3913-85-7, 2-Decenoic acid 4230-97-1,
 Allyl caprylate 4265-97-8, Heptyl octanoate 4351-10-4 4360-47-8,
 Styryl cyanide 4362-22-5 4430-31-3, Octahydrocoumarin 4437-20-1,
 Furfuryl disulfide 4437-51-8, 3,4-Hexanedione 4442-79-9,
 Cyclohexylethyl alcohol 4455-13-4, Ethyl methylthioacetate
 4500-58-7, 2-Ethylbenzenethiol 4547-43-7 4602-84-0, Farnesol
 4606-15-9, Propylphenyl acetate 4621-04-9, 4-Isopropylcyclohexanol
 4630-07-3, Valencene 4674-50-4, Nootkatone 4676-39-5 4728-82-9,
 Allyl cyclohexylacetate 4747-07-3, Methyl hexyl ether 4819-67-4
 4861-85-2, Isopropylphenyl acetate 4864-61-3, 3-Octyl acetate
 4884-24-6, 2-Cyclopentylcyclopentanone 4927-36-0 4940-11-8,
 Ethylmaltol 4951-48-8, L-Menthyl propionate 5132-75-2, Octyl
 heptanoate 5146-66-7, Geranylnitrile 5205-11-8, Prenyl benzoate
 5240-32-4, 1-Ethynylcyclohexyl acetate 5320-75-2, Cinnamyl benzoate
 5331-32-8, Isobornyl methyl ether 5392-40-5, Citral 5405-41-4,
 Ethyl 3-hydroxybutyrate 5406-58-6,
 2,5,5-Trimethyl-2-phenyl-1,3-dioxane 5421-17-0, Hexylphenyl acetate
 5452-07-3 5457-70-5, Phenylethyl caprylate 5462-06-6, Canthoxal
 5468-05-3 5468-06-4 5471-51-2, Raspberry ketone 5502-75-0, Mayol
 5577-44-6, 2,4-Octadienal 5579-78-2, ϵ -Decalactone
 5760-50-9, Methyl 9-undecenoate 5764-85-2, Ethyl
 3-hydroxy-3-phenylpropionate 5837-78-5, Ethyl tiglate 5870-93-9,
 Heptyl butyrate 5910-85-0, 2,4-Heptadienal 5910-89-4,
 2,3-Dimethylpyrazine 5947-36-4, Pinocarveol 5948-04-9,
 Dihydrocarvone 5953-76-4, Methyl angelate 5986-55-0, Patchouli
 alcohol 6028-61-1, Dipropyl trisulfide 6066-49-5, 3-n-Butyl
 phthalide 6079-97-6, Ethyl 2-hexylacetoacetate 6259-76-3, Hexyl
 salicylate 6270-03-7, Phenyl glycol diacetate 6304-24-1,
 2-Isobutylpyridine 6309-51-9 6378-65-0, Hexyl hexanoate
 6413-10-1, Ethyl acetoacetate ethylene glycol ketal 6485-40-1,
 L-Carvone 6493-80-7 6658-48-6 6707-60-4,
 1,6-Dioxacycloheptadecan-7-one 6728-26-3, trans-2-Hexenal
 6750-03-4, 2,4-Nonadienal 6789-80-6, cis-3-Hexenal 6789-88-4,
 Hexyl benzoate 6881-94-3, Diethylene glycol monopropyl ether
 6915-15-7, Malic acid 6938-45-0, Benzyl hexanoate 6976-72-3,
 Heptyl hexanoate 7011-83-8 7051-39-0, Dihydrojasmonone 7069-41-2,
 trans-2-Tridecenal 7074-08-0 7212-44-4, Nerolidol 7289-52-3,

Decyl methyl ether 7335-26-4, Ethyl o-methoxybenzoate 7370-92-5
 7392-19-0, 2,2,6-Trimethyl-6-vinyltetrahydropyran 7403-42-1,
 4-Methyl-4-phenyl-2-pentanone 7416-35-5 7452-79-1, Ethyl
 2-methylbutyrate 7460-74-4, Phenylethyl valerate 7492-66-2, Citral
 diethyl acetal 7492-67-3, Citronellyloxyacetaldehyde 7492-70-8,
 Butyl butyryllactate 7493-57-4 7493-65-4, Allyl
 cyclohexanebutyrate 7493-69-8, Allyl 2-ethylbutyrate 7493-74-5,
 Allyl phenoxyacetate 7493-78-9, α -Amylcinnamyl acetate
 7549-33-9, Anisyl propionate 7549-37-3, Citral dimethyl acetal
 7580-12-3, 2,4,6-Triisopropyl-1,3,5-trioxane 7661-55-4,
 5-Methylquinoline 7756-96-9 7774-44-9, Cyclohexyl isovalerate
 7774-65-4 7775-39-5, Styralyl isobutyrate 7778-83-8, Propyl
 cinnamate 7778-85-0, Propylene glycol dimethyl ether 7778-87-2,
 Propyl heptanoate 7779-23-9, Linalyl hexanoate 7779-41-1, Decanal
 dimethyl acetal 7779-65-9, Isoamyl cinnamate 7779-78-4
 7779-81-9, Isobutyl angelate 7779-94-4, Hydroxycitronellal diethyl
 acetal 7780-06-5, Isopropyl cinnamate 7784-67-0, Ethylisoeugenol
 7785-33-3, Geranyl tiglate 7785-64-0, Butyl angelate 7786-44-9,
 2,6-Nonadienol 7786-58-5, Octyl isovalerate 7787-20-4, L-Fenchone
 8000-41-7, Terpineol 8000-41-7D, Terpineol, thio derivs.
 8007-35-0, Terpinyl acetate 8013-00-1, Terpinene 8013-90-9, Ionone
 8038-79-7, Benzoin oil 10022-28-3, Octanal dimethyl acetal
 10024-64-3, Linalyl octanoate 10031-96-6, Eugenyl formate
 10032-02-7, Geranyl hexanoate 10032-05-0, Heptanal dimethyl acetal
 10032-13-0, Hexyl isovalerate 10032-15-2, Hexyl 2-methylbutyrate
 10094-34-5 10108-80-2, Propylene glycol Dipropionate 10203-30-2,
 3-Dodecanol 10221-57-5, Propylene glycol diethyl ether 10276-85-4
 10318-16-8 10339-55-6, Ethyllinalool 10361-39-4, Benzyl valerate
 10402-33-2, Eugenylphenyl acetate 10415-87-9 10444-50-5, Citral
 propylene glycol acetal 10482-55-0, Isoamyl angelate 10486-14-3,
 Rhodinyl phenylacetate 10486-19-8, Tridecanal 10519-11-6
 10519-12-7, Decahydro- β -naphthyl formate 10544-63-5, Ethyl
 crotonate 10580-25-3, Citronellyl hexanoate 10588-10-0, Isobutyl
 valerate 10599-70-9, 3-Acetyl-2,5-dimethylfuran 10603-06-2
 11028-42-5, Cedrene 11031-45-1, Santalol 11050-62-7, Isojasmone
 11072-28-9, Dimethyloctenone 12001-36-4, Raspberry aldehyde
 12262-03-2, Isoamyl undecylenate 12687-45-5, Caryophyllene aldehyde
 13019-04-0 13019-22-2, 9-Decen-1-ol 13074-65-2,
 2-Hexylcyclopentanone 13162-46-4, 2,4-Undecadienal 13162-47-5,
 2,4-Dodecadienal 13171-00-1, Celestolide 13254-34-7,
 2,6-Dimethylheptan-2-ol 13327-56-5, Ethyl 3-methylthiopropionate
 13341-72-5, Mentha lactone 13351-61-6, 2,2-Dimethyl-3-phenylpropanol
 13360-64-0, 2-Ethyl-5-methylpyrazine 13360-65-1,
 2-Ethyl-3,6-dimethylpyrazine 13466-78-9 13481-87-3, Methyl
 3-nonenoate 13491-79-7, 2-tert-Butylcyclohexanol 13494-06-9,
 3,4-Dimethyl-1,2-cyclopentanedione 13494-07-0,
 3,5-Dimethyl-1,2-cyclopentanedione 13532-18-8, Methyl
 3-methylthiopropionate 13567-40-3, Cedranone 13567-54-9D, Cedrane,
 oxo derivative 13623-11-5, Trimethylthiazole 13659-75-1 13678-59-6,
 2-Methyl-5-methylthiofuran 13678-68-7 13679-70-4,
 5-Methyl-2-thiophenecarboxaldehyde 13679-86-2
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 IT 13706-86-0, 5-Methyl-2,3-hexanedione 13708-12-8, 5-Methylquinoxaline
 13816-33-6, Cuminylnitrile 13828-37-0 13851-11-1, Fenchyl acetate
 13877-91-3, 3,7-Dimethyl-1,3,6-octatriene 13894-61-6 13894-63-8
 13925-00-3, 2-Ethylpyrazine 13925-07-0, 2-Ethyl-3,5-dimethylpyrazine
 13925-08-1, 2-Methyl-5-vinylpyrazine 13947-14-3 14159-61-6,
 3-Isobutylpyridine 14289-65-7 14374-92-6,
 4-Isopropyl-1-methyl-2-propenylbenzene 14510-36-2 14575-74-7,

α -Fenchyl alcohol 14576-08-0, α -Terpinyl methyl ether
 14620-52-1, Dodecanal dimethyl acetal 14667-55-1,
 2,3,5-Trimethylpyrazine 14727-47-0, Isolongifolanone 14765-30-1,
 2-sec-Butylcyclohexanone 15111-96-3 15186-51-3, Rose furan
 15323-35-0, Phantolide 15679-13-7, 2-Isopropyl-4-methylthiazole
 15707-23-0, 2-Ethyl-3-methylpyrazine 15707-24-1, 2,3-Diethylpyrazine
 15760-18-6 16251-77-7 16308-92-2, 2,4-Dimethylbenzyl alcohol
 16356-11-9, 1,3,5-Undecatriene 16409-43-1, Rose oxide 16429-21-3,
 ϵ -Dodecalactone 16491-24-0, 2,4-Hexadienyl isobutyrate
 16491-36-4, cis-3-Hexenyl butyrate 16491-62-6, Cyclohexyl crotonate
 16587-71-6, 4-tert-Amylcyclohexanone 16630-66-3, Methyl
 methylthioacetate 16930-96-4, Hexyl tiglate 17140-33-9
 17369-59-4, 3-Propylidene phthalide 17619-36-2, Methyl propyl
 trisulfide 18127-01-0 18138-04-0, 2,3-Diethyl-5-methylpyrazine
 18409-17-1, trans-2-Octenol 18479-51-1, Dihydrolinalool
 18479-57-7, Tetrahydromyrcenol 18640-74-9, 2-Isobutylthiazole
 18675-24-6 18824-63-0, Nonanal dimethyl acetal 18829-55-5,
 trans-2-Heptenal 18829-56-6, trans-2-Nonenal 18854-56-3, Ethylene
 glycol dipropyl ether 18871-14-2, Jasmal 20407-84-5,
 trans-2-Dodecenal 20628-36-8 20777-39-3, Lavandulyl acetate
 20780-48-7, Tetrahydrolinalyl acetate 20780-49-8 20834-59-7
 21064-19-7D, Trimethylcyclododecatriene, epoxidized 21112-37-8
 21145-77-7, Tonalide 21662-09-9, cis-4-Decenal 21722-83-8,
 Cyclohexylethyl acetate 21964-44-3, 1-Nonen-3-ol 22047-25-2,
 2-Acetylpyrazine 22451-63-4, Alloocimene alcohol 22457-23-4,
 Stemone 22463-19-0 22493-94-3, 2-tert-Butylquinoline 22629-49-8,
 Tridecene-2-nitrile 23495-12-7, 2-Phenoxyethyl propionate
 23726-93-4, Damascenone 23747-48-0 24237-00-1 24295-03-2,
 2-Acetylthiazole 24683-00-9, 2-Isobutyl-3-methoxypyrazine
 24717-85-9, Citronellyl tiglate 24817-51-4, Phenylethyl
 2-methylbutyrate 25152-85-6, cis-3-Hexenyl benzoate 25265-71-8,
 Dipropylene glycol 25265-75-2, Butylene glycol 25304-14-7,
 3,3-Dimethylcyclohexyl methyl ketone 25322-68-3 25339-16-6,
 sec-Octyl alcohol 25377-82-6, Tridecene 25377-83-7, Octene
 25512-62-3, Cyclohexenone 25524-95-2, Jasmine lactone 25564-22-1,
 2-Pentyl-2-cyclopentenone 25680-58-4, 2-Methoxy-3-ethylpyrazine
 25773-40-4, 2-Methoxy-3-isopropylpyrazine 25795-46-4,
 Tetrahydrocitral 26266-05-7, Heptadecene 26370-28-5,
 2,6-Nonadienal 26553-46-8 26619-69-2, Isolongifolene epoxide
 26643-91-4, 4-Methyl-2-phenyl-2-pentenol 27070-58-2, Octadecene
 27215-95-8, Nonene 27458-94-2, Isononyl alcohol 27606-09-3
 27829-72-7 28069-74-1 28219-60-5 28221-20-7, L-Menthyl
 isovalerate 28316-62-3 28371-99-5, Trimofix O 28473-21-4,
 Nonanol 28588-74-1, 2-Methyl-3-furanthiol 28664-35-9, Sotolone
 28929-03-5, Octadecadiene 28940-11-6 28977-58-4, Ocimenol
 29387-86-8, Propylene glycol monobutyl ether 29549-60-8,
 2-Ethylthiophenol 29597-36-2 29714-87-2, Ocimene 30025-38-8,
 Dipropylene glycol monoethyl ether 30076-98-3 30136-13-1,
 Propylene glycol monopropyl ether 30168-23-1, Dupical 30207-98-8,
 Undecanol 30673-36-0, Butyl decanoate ~~30960-39-5~~,
 Cedrenone 31375-17-4 31501-11-8, cis-3-Hexenyl caproate
 31906-04-4, Liral 32210-23-4, p-tert-Butylcyclohexyl acetate
 32388-55-9, Acetylcedrene 32659-21-5, Ethyl geranate 32665-23-9,
 Isopropyl isovalerate 32974-92-8, 2-Acetyl-3-ethylpyrazine
 33467-73-1, cis-3-Hexenyl formate 33467-74-2, cis-3-Hexenyl
 propionate 33704-61-9, Cashmeran 34291-99-1 34413-35-9,
 5,6,7,8-Tetrahydroquinoxaline 34590-94-8, Dipropylene glycol
 monomethyl ether 34764-02-8, Decanal diethyl acetal 35044-59-8
 35117-86-3 35154-45-1, cis-3-Hexenyl isovalerate 35852-46-1,
 cis-3-Hexenyl valerate 35854-86-5 35884-42-5, Dipropylene glycol

monobutyl ether 36431-72-8, Theaspirane 36541-25-0,
 Methyltetrahydrofuranone 36701-01-6, Furfuryl valerate 37161-74-3
 37172-02-4, 1-Acetoxy-2-sec-butyl-1-vinylcyclohexane 37486-72-9,
 Ethyl 2-decenoate 37514-30-0, 1-Methylcyclododecyl methyl ether
 37526-88-8, Benzyl tiglate 37609-25-9, 5-Cyclohexadecen-1-one
 37677-14-8, Myrac aldehyde 38049-26-2, Dihydrocarveol 38205-60-6,
 5-Acetyl-2,4-dimethylthiazole 38285-49-3,
 5-Methyl-3-butyltetrahydropyran-4-yl acetate 39067-39-5
 39067-80-6, Thiogeraniol 39255-32-8, Ethyl 2-methylvalerate
 39707-47-6 39900-38-4, Cedryl formate 40203-73-4, Methyl
 cyclopentylideneacetate 40228-18-0, Furfuryl methyl sulfide
 40267-72-9, Geranyl ethyl ether 40527-42-2 40785-62-4,
 3-Oxabicyclo[10.3.0]pentadec-6-ene 40910-49-4, Acetaldehyde ethyl
 linalyl acetal 41199-19-3, Ambrinol 41199-20-6 41496-43-9,
 2-Methyl-3-(4-methylphenyl)propanal 41519-23-7, cis-3-Hexenyl
 isobutyrate 41816-03-9, Rhubofix 41890-92-0,
 3,7-Dimethyl-7-methoxyoctan-2-ol 42184-18-9 42370-07-0
 42436-07-7, cis-3-Hexenyl phenylacetate 49815-58-9 50607-64-2
 50816-18-7 50980-84-2, Propylene glycol Dibutyrate 51566-62-2,
 Citronellylnitrile 51755-66-9, 3-Methylthio-1-hexanol 52125-53-8,
 Propylene glycol monoethyl ether 52844-21-0, Cyclocitral
 53082-58-9, 3-Methylpentyl angelate 53219-21-9, Dihydromyrcenol
 53338-06-0 53398-80-4, trans-2-Hexenyl propionate 53398-83-7,
 trans-2-Hexenyl butyrate 53398-85-9, cis-3-Hexenyl 2-methylbutyrate
 53398-86-0, trans-2-Hexenyl hexanoate 53448-07-0, trans-2-Undecenal
 53778-72-6 54082-68-7, 2,6,10-Trimethyl-5,9-undecadienal
 54140-13-5 54264-04-9, Heptadecadiene 54464-57-2, Iso E super
 54484-73-0, Acetaldehyde ethyl hexyl acetal 54546-26-8,
 2-Butyl-4,4,6-trimethyl-1,3-dioxane 54815-13-3, Nonanal diethyl
 acetal 54889-48-4, Octanal diethyl acetal 54982-83-1, Ethylene
 dodecanedioate 55066-48-3, 3-Methyl-5-phenylpentanol 55066-49-4
 55719-85-2, Phenylethyl tiglate 56001-43-5, Nerolidyl acetate
 56011-02-0 56423-40-6, Benzyl 2-methylbutyrate 56973-85-4,
 α -Dynascone 57082-24-3, Caryophyllene acetate 57287-13-5,
 Dihydrocarvyl acetate 57371-42-3, Benzyleugenol 57500-00-2, Methyl
 furfuryl disulfide 57576-09-7, Isopulegyl acetate 57943-67-6
 58102-02-6 58253-27-3, Gingerol 58430-94-7, 3,5,5-Trimethylhexyl
 acetate 58567-11-6, Formaldehyde cyclododecylethyl acetal
 58985-18-5, Dihydroterpinyl acetate 59020-85-8 59021-03-3
 59094-77-8, Ethyl thioacetate 59230-57-8, Cuminyll acetate
 59259-90-4 59354-71-1 59558-23-5, p-Cresyl caprylate 60788-25-2
 61215-74-5, Undecatriene 61562-03-6 61699-38-5 61711-48-6,
 Isodamascone 61792-11-8 61792-12-9, Cinnamyl tiglate 61920-45-4
 (odor masking compns. containing fragrant substances for hair
 cosmetics)
 IT 62238-34-0, 4-Heptenal 62288-69-1 62563-80-8, Vetiveryl acetate
 63270-14-4, Nonanediol-1,3-diacetate 63450-34-0 63500-71-0
 64001-15-6 64165-57-7 64988-06-3, Ethyl o-methoxybenzyl ether
 65113-95-3 65113-99-7, 3-Methyl-5-(2,2,3-trimethyl-3-cyclopentenyl)-
 pentan-2-ol 65405-70-1, trans-4-Decenal 65405-73-4,
 Geranyloxyacetaldehyde 65405-76-7, cis-3-Hexenyl anthranilate
 65405-77-8, cis-3-Hexenyl salicylate 65442-31-1 65443-14-3,
 2,2,5-Trimethyl-5-pentylcyclopentanone 66062-78-0 66512-92-3
 67114-38-9 67583-77-1 67633-94-7 67634-06-4 67634-15-5,
 Floralozone 67634-17-7, 2,4-Dimethyl-3-cyclohexene-1-methanol
 67634-22-4 67662-96-8 67707-75-9, Ethyl 3,5,5-trimethylhexanoate
 67715-80-4, 2-Methyl-4-propyl-1,3-oxathiane 67746-30-9,
 trans-2-Hexenal diethyl acetal 67785-77-7, Dimethylbenzylcarbinyl
 propionate 67801-33-6 67801-64-3 67845-46-9 67874-72-0,
 Coniferan 67874-78-6 67874-81-1, Cedryl methyl ether 67883-79-8,

cis-3-Hexenyl tiglate 68039-24-7 68039-49-6, Triplal 68129-81-7,
 Vetiverol 68141-17-3 68480-06-8 68527-74-2, Vanillin propylene
 glycol acetal 68527-77-5, Isocyclogeraniol 68527-78-6 68844-98-4
 68922-10-1, Citronellyl isovalerate 68928-61-0 70214-77-6,
 6,8-Dimethyl-2-nonanol 70788-30-6, Timberol 71172-75-3, Isoamyl
 levulinate 71566-53-5 72007-81-9 72013-84-4,
 13-Oxabicyclo[10.3.0]pentadecane 72072-32-3, Diethylene glycol
 dipropyl ether 72089-08-8 72231-20-0, Tetrahydromugyl acetate
 72424-08-9, 3-Propyl phthalide 72445-42-2, Mint sulfide 72797-27-4
 72797-27-4D, dehydrogenated 73127-43-2 73545-18-3, cis-3-Hexenal
 diethyl acetal 75147-23-8, Buccoxime 77628-60-5 77733-94-9
 78548-53-5 78649-62-4 79806-04-5, Vernaldehyde 80111-68-8,
 Damascone 80118-06-5 80466-34-8, 2,4-Hexadienal 80480-24-6
 80858-47-5 80901-68-4 81782-77-6, 4-Methyl-3-decen-5-ol
 81786-75-6 82373-92-0 82784-84-7 83783-82-8 84029-92-5,
 Acetaldehyde ethyl isoeugenyl acetal 84060-80-0, cis-3-Hexenyl
 angelate 84518-22-9 85624-40-4, Ocimene epoxide 86241-90-9
 87118-95-4, 3,4,5,6,6-Pentamethyl-2-heptanol 87343-69-9
 88969-41-9, Dihydromyrcenyl acetate 89444-36-0 91482-37-0
 91967-77-0 94022-83-0 99565-75-0 107820-22-4 110516-60-4,
 Homofuraneol 119339-26-3 120204-34-4, 2,4-Hexadienol
 127303-87-1, Dipropylene glycol monopropyl ether 139253-95-5
 139504-68-0, Amber core 169825-80-3, 4-tert-Butylquinoline
 176201-25-5, Aldehyde C-14 (Peach) 177771-82-3, Ambroxan
 194986-84-0 195159-55-8, Myraldyl acetate 200061-88-7
 208397-85-7 217816-75-6, Grisalva 223447-73-2, Tetrahydromugol
 234436-14-7, Rhubofuran 266692-55-1, Florex 335380-17-1, Aldehyde
 C-16 (strawberry) 474653-58-2, Butane-1,3-diol monomethyl ether
 474653-60-6, Butane-1,3-diol monobutyl ether 500345-56-2
 524932-69-2 524932-73-8 524932-78-3 524932-99-8 524933-00-4
 524933-01-5 524933-04-8 524933-11-7 524933-20-8 524933-22-0
 524933-24-2 524933-37-7 524933-38-8 524933-43-5 524933-46-8
 524933-48-0 524933-50-4 524960-46-1 524960-47-2 524960-48-3

(odor masking compns. containing fragrant substances for hair
 cosmetics)

IT 119-53-9, Benzoin

(resinoid; odor masking compns. containing fragrant
 substances for hair cosmetics)

L38 ANSWER 4 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:932488 HCAPLUS Full-text

DOCUMENT NUMBER: 136:53914

TITLE: Preparation of conjugated unsaturated carbonyl
 compounds with imides and cobalt salt catalysts
 under mild conditions

INVENTOR(S): Kitayama, Kenji

PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokyo Koho, 9 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

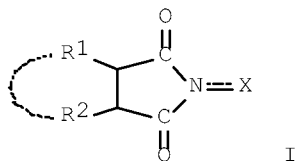
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2001354611	A	20011225	JP 2000-176494	20000613
			<--	
PRIORITY APPLN. INFO.:			JP 2000-176494	20000613
			<--	

OTHER SOURCE(S): CASREACT 136:53914; MARPAT 136:53914
 ED Entered STN: 27 Dec 2001
 GI



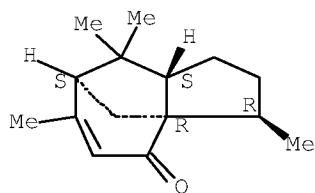
AB Conjugated unsatd. carbonyl compds., useful as fragrant substances, etc., are prepared by introduction of oxo group to CH₂ group adjacent to C-C double bond in the presence of imides I [R₁, R₂ = H, halo, alkyl, aryl, cycloalkyl, OH, alkoxy, etc.; R₁R₂ may form (N-substituted imide group-containing) double bond, (aromatic) ring; X = O, OH] and Co(II) salts with acids with pK_a ≤ 8.0 as catalysts. Thus, valencene was treated with N-hydroxyphthalimide, (AcO)₂Co·4H₂O, and Co(III) acetylacetonate under O at 40° for 2 h in MeCN to give 58% nootkatone.

IT 30960-39-5P, Cedrenone
 (preparation of conjugated unsatd. carbonyl compds. as fragrant substances)

RN 30960-39-5 HCAPLUS

CN 4H-3a,7-Methanoazulen-4-one, 1,2,3,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, (3R,3aR,7S,8aS)- (CA INDEX NAME)

Absolute stereochemistry.



IC ICM C07C049-653
 ICS B01J031-22; C07B061-00; C07C045-33; C07D207-416; C07D209-48

CC 30-15 (Terpenes and Terpenoids)
 Section cross-reference(s): 21, 62

IT Odor and Odorous substances
 Oxidation catalysts

Perfumes

(preparation of conjugated unsatd. carbonyl compds. as fragrant substances)

IT 4674-50-4P, Nootkatone 30960-39-5P, Cedrenone
 (preparation of conjugated unsatd. carbonyl compds. as fragrant substances)

10/518,565

L38 ANSWER 5 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2001:472885 HCAPLUS Full-text
 DOCUMENT NUMBER: 135:78585
 TITLE: ~~Perfume~~ compositions with enhanced
 viscosity and process for their preparation
 INVENTOR(S): Mohr, Bernhard; Bertleff, Werner; Smets, Johan;
 Wevers, Jean
 PATENT ASSIGNEE(S): Basf A.-G., Germany
 SOURCE: PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046373	A1	20010628	WO 2000-EP13004	20001220
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1111034	A1	20010627	EP 2000-202168	20000622
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CA 2395553	A1	20010628	CA 2000-2395553	20001220
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CA 2395553	C	20060110		
AU 2001033645	A	20010703	AU 2001-33645	20001220
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EP 1240304	A1	20020918	EP 2000-991612	20001220
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EP 1240304	B1	20061025		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2000017031	A	20030107	BR 2000-17031	20001220
<--				
JP 2004500451	T	20040108	JP 2001-546871	20001220
<--				
ES 2250225	T3	20060416	ES 2000-986672	20001220
<--				
AT 343627	T	20061115	AT 2000-991612	20001220
<--				
CN 1328365	C	20070725	CN 2000-817678	20001220
<--				
CN 100441671	C	20081210	CN 2000-817601	20001220
<--				
MX 2002006254	A	20040906	MX 2002-6254	20020621
<--				
US 20040097397	A1	20040520	US 2003-380013	20030311
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PRIORITY APPLN. INFO.:			EP 1999-870277	A 19991222
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10/518,565

EP 2000-870070 A 20000413
 <--
EP 2000-202168 A 20000622
 <--
WO 2000-EP13004 W 20001220
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ED Entered STN: 29 Jun 2001

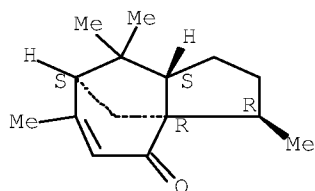
AB A ~~perfume~~ composition is obtainable by adding to 100 parts by weight of a mixture of (a) 10-95% ≥ 1 ~~perfume~~ and (b) 5-90% ≥ 1 polyamine, the sum of (a) and (b) being always 100%, 0.1-20 parts ≥ 1 crosslinking agent having at least two groups which react with primary or secondary amino groups of the polyamine and crosslinking the mixture and/or adding 0.1-30 parts thickening agent such as hydrogenated castor oil.

IT 30960-39-5, Cedrenone
 (~~perfume~~; ~~perfume~~ compns. with enhanced
 viscosity for laundry detergents and fabric softeners)

RN 30960-39-5 HCAPLUS

CN 4H-3a,7-Methanoazulen-4-one, 1,2,3,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, (3R,3aR,7S,8aS)- (CA INDEX NAME)

Absolute stereochemistry.



IC ICM C11D003-50

ICS D06M013-00; C11D003-37

CC 46-5 (Surface Active Agents and Detergents)

ST ~~perfume~~ compn enhanced viscosity laundry detergent;
 hydrogenated castor oil thickener ~~perfume~~ compn laundry
 detergent; crosslinked polyamine ~~perfume~~ compn laundry
 detergent; polyamine ~~perfume~~ compn laundry detergent

IT Castor oil
 (hydrogenated, thickener, Luvotix HT; ~~perfume~~ compns.
 with enhanced viscosity for laundry detergents and fabric
 softeners)

IT Detergents
 (laundry; ~~perfume~~ compns. with enhanced viscosity for
 laundry detergents and fabric softeners)

IT Fabric softeners
 Thickening agents
 (~~perfume~~ compns. with enhanced viscosity for laundry
 detergents and fabric softeners)

IT Amines, uses
 (polyamines, nonpolymeric; ~~perfume~~ compns. with enhanced
 viscosity for laundry detergents and fabric softeners)

IT 7631-86-9, Aerosil 380, uses
 (colloidal, thickener; ~~perfume~~ compns. with enhanced
 viscosity for laundry detergents and fabric softeners)

IT 136837-49-5P, Aziridine-ethyleneglycol diglycidyl ether copolymer
 303729-77-3P, Ethyleneglycol diglycidyl ether-vinylamine copolymer

347147-26-6P

(in-situ-prepared thickener; ~~perfume~~ compns. with enhanced viscosity for laundry detergents and fabric softeners)

IT 60-12-8, Phenylethylalcohol 66-25-1, Hexanal 77-53-2, Cedrol 78-70-6, Linalool 80-54-6, Lilial 99-49-0, Carvone 100-52-7, Benzaldehyde, uses 101-86-0, α -Hexylcinnamaldehyde 103-45-7 103-95-7, Cymal 106-22-9, Citronellol 110-41-8, Methyl nonyl acetaldehyde 112-31-2, Decanal 115-95-7, Linalylacetate 118-58-1, Benzylsalicylate 119-61-9, Benzophenone, uses 120-57-0, Heliotropin 122-40-7, α -Amylcinnamaldehyde 140-11-4, Benzylacetate 1222-05-5, Galaxolide 1423-46-7 2550-26-7, Benzyl acetone 2630-39-9, Methyl dihydrojasmonate 5392-40-5 6728-26-3, trans-2-Hexenal 7388-22-9, γ -Methylionone 23726-91-2, β -Damascone 23726-93-4, Damascenone 26370-28-5, 2,6-Nonadienal 30385-25-2, Dihydromyrcenol ~~30960-39-5~~, Cedrenone 43052-87-5, α -Damascone 57378-68-4, δ -Damascone 61711-48-6, Iso-damascone 68039-49-6, 2,4-Dimethyl-3-cyclohexene-1-carboxaldehyde 74338-72-0, 2,4,4,7-Tetramethyloct-6-en-3-one 125109-85-5, Florhydral 130066-44-3, Lyrall

(perfume; ~~perfume~~ compns. with enhanced viscosity for laundry detergents and fabric softeners)

IT 51796-19-1, Thixatrol ST

(thickener; ~~perfume~~ compns. with enhanced viscosity for laundry detergents and fabric softeners)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L38 ANSWER 6 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:369721 HCAPLUS Full-text
Correction of: 1996:763707

DOCUMENT NUMBER: 132:333658
Correction of: 126:59110

TITLE: Volatile constituents of blood and blond orange juices: a comparison

AUTHOR(S): Naef, Regula; Velluz, Alain; Meyer, Anthony P.

CORPORATE SOURCE: Firmenich SA, Geneva, CH-1211, Switz.

SOURCE: Journal of Essential Oil Research (~~1996~~
, 8(6), 587-595
CODEN: JEOREG; ISSN: 1041-2905

PUBLISHER: Allured

DOCUMENT TYPE: Journal

LANGUAGE: English

ED Entered STN: 05 Jun 2000

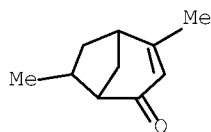
AB The volatile constituents obtained by solvent extraction of the juices of both blood and blond sweet oranges (*Citrus sinensis* (L.) Osbeck) were studied. Some known compds. are reported in orange juice for the 1st time. The spectral data of 4 new sesquiterpenoids (valencene hydrate, γ -selinene hydrate, selina-3,11-dien-5-ol, epoxy-valencene) and of a sulfur-containing compound (S,S'-ethylidene dithioacetate) identified for the 1st time in a natural product, are given and an olfactive comparison is included.

IT ~~185148-39-4P~~

(volatile constituents of blood and blond orange juices)

RN 185148-39-4 HCAPLUS

CN Bicyclo[3.2.1]oct-3-en-2-one, 4,7-dimethyl- (CA INDEX NAME)



CC 17-10 (Food and Feed Chemistry)
 IT ~~Odor and Odorous~~ substances
 Orange juice
 Volatile substances
 (volatile constituents of blood and blond orange juices)
 IT 57-10-3P, Hexadecanoic acid, biological studies 57-11-4P,
 Octadecanoic acid, biological studies 60-33-3P, 9,12-Octadecadienoic
 acid (Z,Z)-, biological studies 64-17-5P, Ethanol, biological
 studies 71-36-3P, 1-Butanol, biological studies 76-22-2P, Camphor
 78-70-6P, Linalool 79-31-2P, 2-Methylpropanoic acid 80-26-2P,
 α -Terpinyl acetate 80-56-8P, α -Pinene 80-57-9P,
 Verbenone 87-44-5P, β -Caryophyllene 97-53-0P, Eugenol
 98-86-2P, Acetophenone, biological studies 100-51-6P, Benzyl
 alcohol, biological studies 101-97-3P, Ethyl 2-phenylacetate
 103-36-6P, Ethyl cinnamate 104-54-1P, Cinnamic alcohol 104-76-7P
 105-54-4P, Ethyl butyrate 105-57-7P, 1,1-Diethoxyethane 105-66-8P,
 Propyl butyrate 106-27-4P, 3-Methylbutyl butyrate 106-32-1P, Ethyl
 octanoate 107-93-7P, (E)-2-Butenoic acid 111-02-4P, Squalene
 111-27-3P, 1-Hexanol, biological studies 112-05-0P, Nonanoic acid
 112-14-1P, Octyl acetate 112-41-4P, 1-Dodecene 112-66-3P, Dodecyl
 acetate 112-80-1P, 9-Octadecenoic acid, (Z)-, biological studies
 116-26-7P, Safranal 119-36-8P, Methyl salicylate 121-33-5P,
 Vanillin 123-25-1P, Diethyl butanedioate 123-35-3P, Myrcene
 123-42-2P, 4-Methyl-4-hydroxy-2-pentanone 123-73-9P, (E)-2-Butenal
 123-79-5P, Hexanedioic acid, Dioctyl ester 138-86-3P, Limonene
 140-11-4P, Benzyl acetate 142-92-7P, Hexyl acetate 143-07-7P,
 Dodecanoic acid, biological studies 143-13-5P, Nonyl acetate
 149-57-5P 301-00-8P, Methyl linolenate 432-25-7P,
 β -Cyclocitral 473-13-2P, α -Selinene 483-76-1P,
 δ -Cadinene 484-12-8P, Osthole 501-52-0P, 3-Phenylpropanoic
 acid 513-86-0P, 3-Hydroxy-2-butanone 536-59-4P, Perillic alcohol
 539-90-2P, 2-Methylpropyl butyrate 544-35-4P, Ethyl linoleate
 544-63-8P, Tetradecanoic acid, biological studies 547-26-2P,
 Epi- α -Cyperone 555-10-2P, β -Phellandrene 575-43-9P,
 1,6-Dimethylnaphthalene 584-02-1P, 3-Pentanol 591-63-9P, Butyl
 (E)-2-butenate 621-82-9P, Cinnamic acid, biological studies
 623-70-1P, Ethyl (E)-2-butenate 626-77-7P, Propyl hexanoate
 626-82-4P, Butyl hexanoate 629-80-1P, Hexadecanal 638-66-4P,
 Octadecanal 695-06-7P, γ -Hexalactone 823-22-3P,
 δ -Hexalactone 1002-84-2P, Pentadecanoic acid 1117-52-8P,
 Farnesyl acetone 1120-36-1P, 1-Tetradecene 1125-21-9P, Oxophorone
 1139-30-6P 1204-30-4P, Piperityl acetate 1731-81-3P, Undecyl
 acetate 2021-28-5P, Ethyl 3-phenylpropionate 2305-25-1P, Ethyl
 3-hydroxyhexanoate 2344-70-9P, 4-Phenyl-2-butanol 2548-87-0P,
 (E)-2-Octenal 2628-17-3P, p-Vinylphenol 2639-63-6P, Hexyl
 butanoate 2765-11-9P, Pentadecanal 3387-41-5P, Sabinene
 3391-86-4P, 1-Octen-3-ol 3796-70-1P, Geranyl acetone 3856-25-5P,
 α -Copaene 3913-81-3P, (E)-2-Decenal 4253-89-8P, Diisopropyl
 disulfide 4313-02-4P, (E,Z)-2,4-Heptadienal 4313-03-5P,

(E,E)-2,4-Heptadienal 4602-84-0P, Farnesol 4630-07-3P, Valencene 4674-50-4P, Nootkatone 5090-61-9P, Nootkatene 5405-41-4P, Ethyl 3-hydroxybutyrate 5943-34-0P, Diisopropyl trisulfide 5948-04-9P, Dihydrocarvone 5989-02-6P, Loliolide 6090-09-1P 6168-59-8P, Intermedeol 6210-51-1P, 3-Hexanol, (S)- 6728-26-3P, (E)-2-Hexenal 6750-60-3P, Spathulenol 6753-98-6P, α -Humulene 7299-91-4P, Butyl 2-butenolate 7694-45-3P, Perillic acid 7786-61-0P, 4-Vinylguaiacol 10471-14-4P, 1-Ethoxy-1-methoxyethane 13416-74-5P, 2-Hexenoic acid, butyl ester 13419-69-7P, (E)-2-Hexenoic acid 14191-95-8P, 4-Hydroxyphenylacetonitrile 14203-59-9P 14398-34-6P, 3-Hydroxy- β -ionone 15111-96-3P, Perillyl acetate 16647-04-4P 16677-02-4P 17066-67-0P, β -Selinene 17245-25-9P 17699-05-7P, α -Bergamotene 18252-44-3P, β -Copaene 18409-17-1P, (E)-2-Octenol 18829-55-5P, (E)-2-Heptenal 18829-56-6P, (E)-2-Nonenal 19355-58-9P 19620-37-2P, 2-Cyclohexen-1-one, 4-hydroxy-2,6,6-trimethyl- 19945-61-0P, (E)-4,8-Dimethyl-1,3,7-nonatriene 20266-80-2P 20489-53-6P, 1,10-Dihydronootkatone 20548-00-9P, 3,5,5-Trimethyl-4-methylene-2-cyclohexen-1-one 20548-02-1P, Cyclohexanone, 4-Hydroxy-2,2,6-trimethyl- 21188-61-4P, Ethyl 3-acetoxyhexanoate 21214-62-0P, 1,3,7-Nonatriene, 4,8-Dimethyl-, (Z)- 27829-72-7P, Ethyl (E)-2-hexenoate 29178-96-9P, (Z)-6-Methyl-3,5-heptadien-2-one 33880-83-0P, β -Elemene 35387-23-6P, Epi- α -Selinene 41096-39-3P, Hexanoic acid, 3-hydroxy-, propyl ester 50763-67-2P, Nootkatol 53448-07-0P, (E)-2-Undecenal 54411-16-4P, 2-Hexenoic acid, butyl ester, (E)- 56269-22-8P, 2,4,6-Nonatrienal 60544-74-3P, 2-Pentenol 66779-68-8P 67663-01-8P 74410-10-9P, Dill ether 80373-18-8P 83646-56-4P 85248-56-2P 87200-84-8P 90820-79-4P 98028-42-3P, Heptadecenal 117192-93-5P 119417-97-9P 125289-66-9P 163634-05-7P 177932-15-9P 179177-72-1P, Hexanoic acid, 3-hydroxy-, butyl ester ~~185148-39-4P~~ 185148-40-7P 185148-41-8P 185148-42-9P 185148-43-0P 185203-27-4P

(volatile constituents of blood and blond orange juices)

L38 ANSWER 7 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:763707 HCAPLUS Full-text

DOCUMENT NUMBER: 126:59110

ORIGINAL REFERENCE NO.: 126:11619a,11622a

TITLE: Volatile constituents of blood and blond orange juices: a comparison

AUTHOR(S): Naaf, Regula; Velluz, Alain; Meyer, Anthony P.

CORPORATE SOURCE: Firmenich SA, Corp. Res. Div., Geneva, CH-1211, Switz.

SOURCE: Journal of Essential Oil Research (1996), 8(6), 587-595

CODEN: JEOREG; ISSN: 1041-2905

PUBLISHER: Allured

DOCUMENT TYPE: Journal

LANGUAGE: English

ED Entered STN: 01 Jan 1997

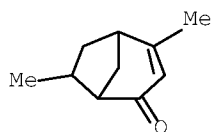
AB The volatile constituents obtained by solvent extraction of the juices of both blood and blond sweet oranges (*Citrus sinensis* (L.) Osbeck) were studied. Some known compds. are reported in orange juice for the 1st time. The spectral data of 4 new sesquiterpenoids (valencene hydrate, γ -selinene hydrate, selina-3,11-dien-5-ol, epoxy-valencene) and of a sulfur-containing compound (S,S'-ethylidene dithioacetate) identified for the 1st time in a natural product, are given and an olfactive comparison is included.

IT ~~185148-39-4P~~

(volatile constituents of blood and blond orange juices)

RN 185148-39-4 HCAPLUS

CN Bicyclo[3.2.1]oct-3-en-2-one, 4,7-dimethyl- (CA INDEX NAME)



CC 17-10 (Food and Feed Chemistry)

IT ~~Odor and Odorous~~ substances

Orange juice

(volatile constituents of blood and blond orange juices)

IT 57-10-3P, Hexadecanoic acid, biological studies 57-11-4P, Octadecanoic acid, biological studies 60-33-3P, 9,12-Octadecadienoic acid (Z,Z)-, biological studies 64-17-5P, Ethanol, biological studies 71-36-3P, 1-Butanol, biological studies 76-22-2P, Camphor 78-70-6P, Linalool 79-31-2P, 2-Methylpropanoic acid 80-26-2P, α -Terpinyl acetate 80-56-8P, α -Pinene 80-57-9P, Verbenone 87-44-5P, β -Caryophyllene 97-53-0P, Eugenol 98-86-2P, Acetophenone, biological studies 100-51-6P, Benzyl alcohol, biological studies 101-97-3P, Ethyl 2-phenylacetate 103-36-6P, Ethyl cinnamate 104-54-1P, Cinnamic alcohol 104-76-7P, 105-54-4P, Ethyl butyrate 105-57-7P, 1,1-Diethoxyethane 105-66-8P, Propyl butyrate 106-27-4P, 3-Methylbutyl butyrate 106-32-1P, Ethyl octanoate 107-93-7P, (E)-2-Butenoic acid 111-02-4P, Squalene 111-27-3P, 1-Hexanol, biological studies 112-05-0P, Nonanoic acid 112-14-1P, Octyl acetate 112-41-4P, 1-Dodecene 112-66-3P, Dodecyl acetate 112-80-1P, 9-Octadecenoic acid, (Z)-, biological studies 116-26-7P, Safranal 119-36-8P, Methyl salicylate 121-33-5P, Vanillin 123-25-1P, Diethyl butanedioate 123-35-3P, Myrcene 123-42-2P, 4-Methyl-4-hydroxy-2-pentanone 123-73-9P, (E)-2-Butenal 123-79-5P, Hexanedioic acid, Dioctyl ester 138-86-3P, Limonene 140-11-4P, Benzyl acetate 142-92-7P, Hexyl acetate 143-07-7P, Dodecanoic acid, biological studies 143-13-5P, Nonyl acetate 149-57-5P 301-00-8P, Methyl linolenate 432-25-7P, β -Cyclocitral 473-13-2P, α -Selinene 483-76-1P, δ -Cadinene 484-12-8P, Osthole 501-52-0P, 3-Phenylpropanoic acid 513-86-0P, 3-Hydroxy-2-butanone 536-59-4P, Perillic alcohol 539-90-2P, 2-Methylpropyl butyrate 544-35-4P, Ethyl linoleate 544-63-8P, Tetradecanoic acid, biological studies 547-26-2P, epi- α -Cyperone 555-10-2P, β -Phellandrene 575-43-9P, 1,6-Dimethylnaphthalene 584-02-1P, 3-Pentanol 591-63-9P, Butyl (E)-2-butenate 621-82-9P, Cinnamic acid, biological studies 623-70-1P, Ethyl (E)-2-butenate 626-77-7P, Propyl hexanoate 626-82-4P, Butyl hexanoate 629-80-1P, Hexadecanal 638-66-4P, Octadecanal 695-06-7P, γ -Hexalactone 823-22-3P, δ -Hexalactone 1002-84-2P, Pentadecanoic acid 1117-52-8P, Farnesyl acetone 1120-36-1P, 1-Tetradecene 1125-21-9P, Oxophorone 1139-30-6P 1204-30-4P, Piperityl acetate 1731-81-3P, Undecyl acetate 2021-28-5P, Ethyl 3-phenylpropionate 2305-25-1P, Ethyl 3-hydroxyhexanoate 2344-70-9P, 4-Phenyl-2-butanol 2548-87-0P, (E)-2-Octenal 2628-17-3P, p-Vinylphenol 2639-63-6P, Hexyl

butanoate 2765-11-9P, Pentadecanal 3387-41-5P, Sabinene
 3391-86-4P, 1-Octen-3-ol 3796-70-1P, Geranyl acetone 3856-25-5P,
 α -Copaene 3913-81-3P, (E)-2-Decenal 4253-89-8P, Diisopropyl
 disulfide 4313-02-4P, (E,Z)-2,4-Heptadienal 4313-03-5P,
 (E,E)-2,4-Heptadienal 4602-84-0P, Farnesol 4630-07-3P, Valencene
 4674-50-4P, Nootkatone 5090-61-9P, Nootkatene 5405-41-4P, Ethyl
 3-hydroxybutyrate 5943-34-0P, Diisopropyl trisulfide 5948-04-9P,
 Dihydrocarvone 5989-02-6P, Loliolide 6090-09-1P 6168-59-8P,
 Intermedeol 6210-51-1P, 3-Hexanol, (S)- 6728-26-3P, (E)-2-Hexenal
 6750-60-3P, Spathulenol 6753-98-6P, α -Humulene 7299-91-4P,
 Butyl 2-butenolate 7694-45-3P, Perillic acid 7786-61-0P,
 4-Vinylguaiacol 10471-14-4P, 1-Ethoxy-1-methoxyethane 13416-74-5P,
 2-Hexenoic acid, butyl ester 13419-69-7P, (E)-2-Hexenoic acid
 14191-95-8P, 4-Hydroxyphenylacetone nitrile 14203-59-9P 14398-34-6P,
 3-Hydroxy- β -ionone 15111-96-3P, Perillyl acetate 16647-04-4P
 16677-02-4P 17066-67-0P, β -Selinene 17245-25-9P
 17699-05-7P, α -Bergamotene 18252-44-3P, β -Copaene
 18409-17-1P, (E)-2-Octenal 18829-55-5P, (E)-2-Heptenal
 18829-56-6P, (E)-2-Nonenal 19355-58-9P 19620-37-2P,
 2-Cyclohexen-1-one, 4-hydroxy-2,6,6-trimethyl- 19945-61-0P,
 (E)-4,8-Dimethyl-1,3,7-nonatriene 20266-80-2P 20489-53-6P,
 1,10-Dihydronootkatone 20548-00-9P,
 3,5,5-Trimethyl-4-methylene-2-cyclohexen-1-one 20548-02-1P,
 Cyclohexanone, 4-Hydroxy-2,2,6-trimethyl- 21188-61-4P, Ethyl
 3-acetoxyhexanoate 21214-62-0P, 1,3,7-Nonatriene, 4,8-Dimethyl-,
 (Z)- 27829-72-7P, Ethyl (E)-2-hexenoate 29178-96-9P,
 (Z)-6-Methyl-3,5-heptadien-2-one 33880-83-0P, β -Elemene
 35387-23-6P, epi- α -Selinene 41096-39-3P, Hexanoic acid,
 3-hydroxy-, propyl ester 50763-67-2P, Nootkatol 53448-07-0P,
 (E)-2-Undecenal 54411-16-4P, 2-Hexenoic acid, butyl ester, (E)-
 56269-22-8P, 2,4,6-Nonatrienal 60544-74-3P, 2-Pentenol 66779-68-8P
 67663-01-8P 74410-10-9P, Dill ether 80373-18-8P 83646-56-4P
 85248-56-2P 87200-84-8P 90820-79-4P 98028-42-3P, Heptadecenal
 117192-93-5P 119417-97-9P 125289-66-9P 163634-05-7P
 177932-15-9P 179177-72-1P, Hexanoic acid, 3-hydroxy-, butyl ester
~~185148-39-4P~~ 185148-40-7P 185148-41-8P 185148-42-9P
 185148-43-0P 185203-27-4P
 (volatile constituents of blood and blond orange juices)

L38 ANSWER 8 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:615737 HCAPLUS Full-text

DOCUMENT NUMBER: 109:215737

ORIGINAL REFERENCE NO.: 109:35613a,35616a

TITLE: On the chemical composition of cedarwood oil
(*Juniperus virginiana* L.)

AUTHOR(S): Ter Heide, R.; Visser, J.; Van der Linde, L. M.;
Van Lier, F. P.

CORPORATE SOURCE: Res. Dep., Quest Int., Bussum, 1400 CA, Neth.

SOURCE: Developments in Food Science (1988),
18(Flavors Fragrances), 627-39
CODEN: DFSCDX; ISSN: 0167-4501

DOCUMENT TYPE: Journal

LANGUAGE: English

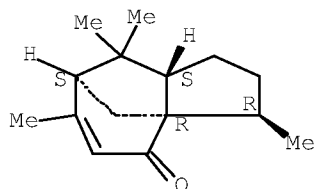
ED Entered STN: 10 Dec 1988

AB Virginia red cedarwood oil is an indispensable raw material for the fragrance industry. Major constituents are sesquiterpene hydrocarbons and cedrol. The hydrocarbon fraction and cedrol play a minor role in the typical odor character of cedarwood oil. Therefore, the remaining portion of the oil was analyzed using chemical, chromatog. and spectroscopic methods. Several

hitherto unreported O-containing sesquiterpenes were identified. The synthesis of some of them is described.

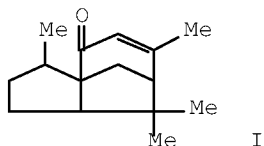
IT 30960-39-5, 8-Cedren-10-one
(of Virginia cedarwood oil)
RN 30960-39-5 HCAPLUS
CN 4H-3a,7-Methanoazulen-4-one, 1,2,3,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, (3R,3aR,7S,8aS)- (CA INDEX NAME)

Absolute stereochemistry.



CC 62-2 (Essential Oils and Cosmetics)
Section cross-reference(s): 30
IT 77-53-2, Cedrol 470-41-7, Thujopsenal 472-97-9, Caryolan-1-ol
4674-50-4 6892-80-4, Widdrol 19912-84-6, Chamigrenal 28387-62-4
30960-39-5, 8-Cedren-10-one 66397-72-6 79768-26-6
88134-22-9 117421-20-2, 2-Methyl-6-(4'-methylphenyl)heptan-2-ol-3-one 117442-64-5 117468-55-0 117468-56-1
(of Virginia cedarwood oil)

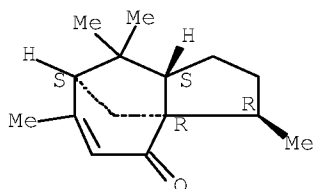
L38 ANSWER 9 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1980:11079 HCAPLUS Full-text
DOCUMENT NUMBER: 92:11079
ORIGINAL REFERENCE NO.: 92:1891a,1894a
TITLE: Monographs on fragrance raw materials. Cedrenone
AUTHOR(S): Opdyke, D. L. J.
CORPORATE SOURCE: Res. Inst., Fragrance Mat., Inc., Englewood
Cliffs, NJ, 07632, USA
SOURCE: Food and Cosmetics Toxicology (1973),
16(Suppl. 1), 681
CODEN: FCTXAV; ISSN: 0015-6264
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
ED Entered STN: 12 May 1984
GI



AB A review with 8 refs. on cedrenone (I) [30960-39-5] including toxicity, irritation, and sensitization.

IT 30960-39-5
 (fragrance raw material)
 RN 30960-39-5 HCAPLUS
 CN 4H-3a,7-Methanoazulen-4-one, 1,2,3,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, (3R,3aR,7S,8aS)- (CA INDEX NAME)

Absolute stereochemistry.



CC 62-0 (Essential Oils and Cosmetics)
 Section cross-reference(s): 1, 4
 ST review cedrenone; ~~perfume~~ cedrenone review
 IT ~~Perfumes~~ and Essences
 (raw materials for, cedrenone as)
 IT 30960-39-5
 (fragrance raw material)

L38 ANSWER 10 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1974:505753 HCAPLUS Full-text
 DOCUMENT NUMBER: 81:105753
 ORIGINAL REFERENCE NO.: 81:16743a,16746a
 TITLE: ~~Perfume~~ compositions containing
 hexahydro-1,4,9,9-tetramethyl-4,7-methanoazulenone
 s
 INVENTOR(S): Mookherjee, Braja D.
 PATENT ASSIGNEE(S): International Flavors and Fragrances Inc.
 SOURCE: U.S., 5 pp. Division of U.S. 3,679,750 (CA
 77;101939h).
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3814704	A	19740604	US 1972-220483	19720124
			<--	
US 3679750	A	19720725	US 1968-735545	19680610
			<--	
PRIORITY APPLN. INFO.:			US 1968-735545	A3 19680610
			<--	

ED Entered STN: 12 May 1984
 GI For diagram(s), see printed CA Issue.
 AB Oxidation of β -patchoulene (I) gave a fragrant mixture of ketones useful as ~~perfume~~ for soap, detergent, or cosmetic powder compns. Thus, I was oxidized with CrO₃ in Me₃COH to give a mixture of ketones II-V, characterized by their ir, NMR, and mass spectra.
 IT 27440-91-1F 27440-92-2F

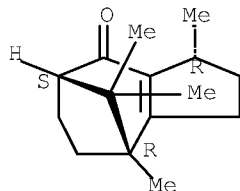
10/518,565

(preparation and use in ~~perfume~~ compns.)

RN 27440-91-1 HCAPLUS

CN 4,7-Methanoazulen-8(1H)-one, 2,3,4,5,6,7-hexahydro-1,4,9,9-tetramethyl-, [1R-(1 α ,4 β ,7 β)]- (9CI) (CA INDEX NAME)

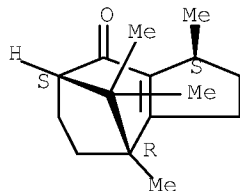
Absolute stereochemistry.



RN 27440-92-2 HCAPLUS

CN 4,7-Methanoazulen-8(1H)-one, 2,3,4,5,6,7-hexahydro-1,4,9,9-tetramethyl-, [1S-(1 α ,4 α ,7 α)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IC A61K; C11B

INCL 252522000

CC 30-15 (Terpenoids)

ST beta patchoulene oxidn; ketone terpene ~~perfume~~

IT ~~Perfumes~~

(unsatd. ketones from oxidation of β patchoulene as)

IT 27440-91-1P 27440-92-2P 37932-12-0P 37932-14-2P

53567-72-9P 53625-90-4P

(preparation and use in ~~perfume~~ compns.)

L38 ANSWER 11 OF 11 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1972:501939 HCAPLUS Full-text

DOCUMENT NUMBER: 77:101939

ORIGINAL REFERENCE NO.: 77:16807a,16810a

TITLE: Hexahydro 1,4,9,9-tetramethyl-4,7-methanoazulenones, as olfactory agents

INVENTOR(S): Mookherjee, Braja D.

PATENT ASSIGNEE(S): International Flavors and Fragrances Inc.

SOURCE: U.S., 5 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 3679750	A	19720725	US 1968-735545	19680610
			<--	
US 3814704	A	19740604	US 1972-220483	19720124
			<--	

PRIORITY APPLN. INFO.:	US 1968-735545	A3 19680610
	<--	

ED Entered STN: 12 May 1984

GI For diagram(s), see printed CA Issue.

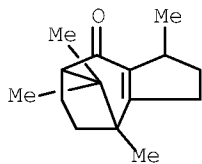
AB A mixture of ketones (I, R : H, R1 : Me, R2 : H2, R3 : O; R : Me, R1 : H, R2 : H2, R3 : O; R : H, R1 : Me, R2 : O, R3 : H2; R : Me, R1 : H, R2 : O, R3 : H2; (RR1 : CH2), R2 : H2, R3 : O; and II) was prepared (195 g) by oxidizing 200 g β -patchoulene with CrO3-Me3COH and Ac2O-HOAc. I and II have woody to camphoraceous odors.

IT 37932-13-1P

(preparation of)

RN 37932-13-1 HCAPLUS

CN 5,8-Methanoazulen-4(1H)-one, 2,3,5,6,7,8-hexahydro-3,8,9,9-tetramethyl-
(CA INDEX NAME)



IC C07C

INCL 260586000A

CC 30-15 (Terpenoids)

ST ~~odorant~~ hexahydromethanoazulenone; methanoazulenone
hexahydro ~~odorant~~

IT 37932-11-9P 37932-12-0P 37932-13-1P 37932-14-2P
(preparation of)

=> d his nofile

(FILE 'HOME' ENTERED AT 15:51:19 ON 20 APR 2009)

FILE 'HCAPLUS' ENTERED AT 15:51:26 ON 20 APR 2009

L1 1 SEA SPE=ON ABB=ON PLU=ON US20050239683/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 15:51:35 ON 20 APR 2009

L2 24 SEA SPE=ON ABB=ON PLU=ON (1121-18-2/BI OR 435270-49-8/BI
OR 503-60-6/BI OR 563-43-9/BI OR 576-26-1/BI OR 639060-91-
6/BI OR 639060-93-8/BI OR 639060-94-9/BI OR 639060-96-1/BI
OR 639060-98-3/BI OR 639061-00-0/BI OR 639061-02-2/BI OR
639061-04-4/BI OR 639061-06-6/BI OR 639061-08-8/BI OR
639061-10-2/BI OR 639061-12-4/BI OR 639061-14-6/BI OR
639061-16-8/BI OR 639061-18-0/BI OR 639061-20-4/BI OR
639061-23-7/BI OR 870-63-3/BI OR 917-65-7/BI)
L3 3 SEA SPE=ON ABB=ON PLU=ON L2 AND C13 H2O O/MF
L4 1 SEA SPE=ON ABB=ON PLU=ON 639061-02-2/RN
L5 0 SEA SPE=ON ABB=ON PLU=ON 639061-02-2/CRN
L6 STR
L7 0 SEA SSS SAM L6
L8 STR L6
L9 50 SEA SSS SAM L8
L10 STR L8
L11 5 SEA SSS SAM L10

FILE 'HCAPLUS' ENTERED AT 16:22:40 ON 20 APR 2009

L12 2 SEA SPE=ON ABB=ON PLU=ON L4

FILE 'REGISTRY' ENTERED AT 16:22:57 ON 20 APR 2009

L13 STR L10
L14 23 SEA SSS SAM L13
L15 STR L13
L16 8 SEA SSS SAM L15
L17 STR 639061-02-2
L18 50 SEA SSS SAM L17
L19 STR L17
L20 28 SEA SSS SAM L19
L21 22579 SEA SSS FUL L17
L22 7 SEA SPE=ON ABB=ON PLU=ON L21 AND L2
SAV L21 ANT565/A

FILE 'HCAPLUS' ENTERED AT 16:27:50 ON 20 APR 2009

L23 2 SEA SPE=ON ABB=ON PLU=ON L22
L24 959 SEA SPE=ON ABB=ON PLU=ON L21
L25 1 SEA SPE=ON ABB=ON PLU=ON L24 AND L1
L26 223 SEA SPE=ON ABB=ON PLU=ON L24 AND TERPENE?/SC, SX
L27 48 SEA SPE=ON ABB=ON PLU=ON L26 AND PRP/RL
L28 QUE SPE=ON ABB=ON PLU=ON FLAVOUR? OR FLAVOR? OR
FRAGNANC? OR ODOR? OR ODOUR?
L29 3 SEA SPE=ON ABB=ON PLU=ON L27 AND L28
L30 4 SEA SPE=ON ABB=ON PLU=ON L26 AND L28
L31 11 SEA SPE=ON ABB=ON PLU=ON L24 AND L28
L32 11 SEA SPE=ON ABB=ON PLU=ON (L29 OR L30 OR L31)
E PERFUMES/CT
L33 18408 SEA SPE=ON ABB=ON PLU=ON PERFUMES+PFT,NT/CT
L34 6 SEA SPE=ON ABB=ON PLU=ON L24 AND L33

10/518,565

L35	8	SEA	SPE=ON	ABB=ON	PLU=ON	L24	AND	PERFUM?
L36	8	SEA	SPE=ON	ABB=ON	PLU=ON	L34	OR	L35
L37	15	SEA	SPE=ON	ABB=ON	PLU=ON	L32	OR	L35
L38	11	SEA	SPE=ON	ABB=ON	PLU=ON	L37	AND	(1840-2003)/PRY,AY,PY